



TravelPilot | **Navigation** | **Radio/CD**



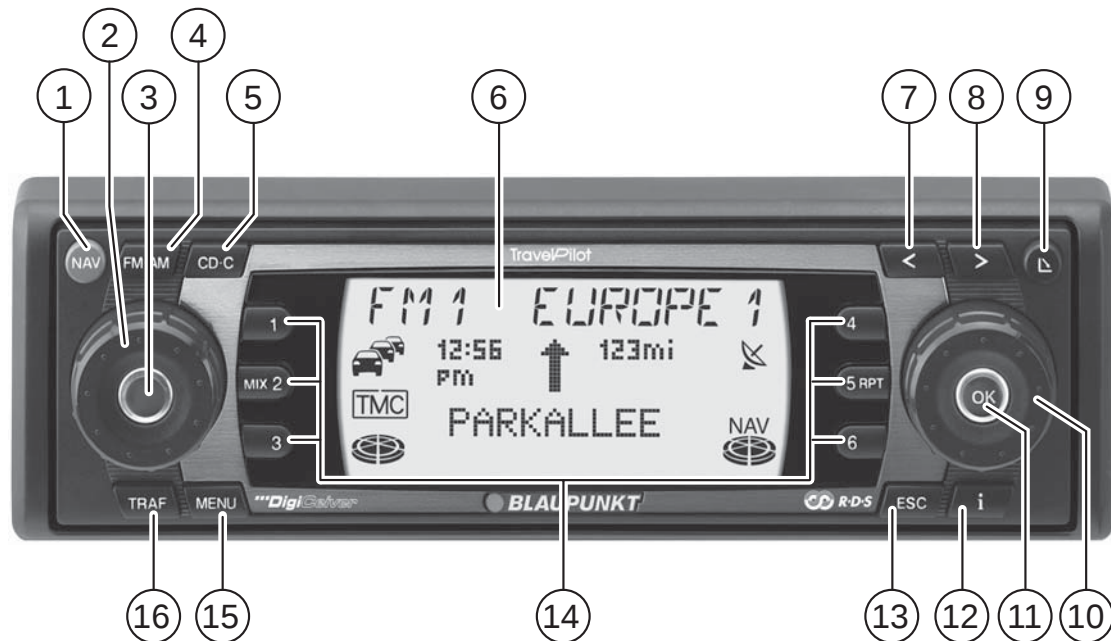
TravelPilot E1/E2

Operating instructions

www.blaupunkt.com



Device overview



- ① **NAV** button
Short press: Activates navigation mode and the four memory banks.
Long press: Opens the selection menu for traffic-jam ahead and route options.
- ② Volume control
- ③ Switches the device on/off and activates/deactivates the mute volume function.
- ④ **FM•AM** button
Short press: Activates radio mode and selects the FM, MW and LW wavebands.
Long press: Starts the Travelstore function.
- ⑤ **CD•C** button
Activates CD mode, MP3 mode or CD-changer mode.
- ⑥ Display
- ⑦ **<** button
Radio/CD: Search downwards / Skip to the previous track.
Navigation: Deletes an entered character.
- ⑧ **>** button
Radio/CD: Search upwards / Skip to the next track.
Navigation: Jumps to the selection list.
- ⑨ **⏏** button opens the flip-release control panel and ejects a CD.
- ⑩ Menu knob
For selecting menus and characters
Radio: Tune into stations manually
- ⑪ **OK** button
Short press: Confirms menu items
Long press: Starts the scan function
Radio: Opens the menu to select a waveband
CD changer: Opens the CD selection menu
- ⑫ **i** button
Whilst navigation is active
Short press: The current position is displayed and the last voice output is repeated. The current destination will be displayed if you briefly press the button again.
Long press: Opens the route list.
Whilst navigation is inactive
Short press: The current position is displayed.
List entries are displayed in full.
- ⑬ **ESC** button
Closes menus.
Deletes characters when you are entering a destination.
Cancels navigation.
- ⑭ Keypad **1 - 6**
Station buttons and the navigation system's destination memory
Button **2 MIX**: Random playback in CD mode.
Button **5 RPT**: Repeat tracks in CD mode.
- ⑮ **MENU** button
Short press: Opens the setup menu.
Long press: Opens the installation menu.
- ⑯ **TRAF** button
Short press: Switches traffic-information standby on/off.
Long press: For viewing TMC messages.

Dear Customer,

Congratulations on buying the TravelPilot E1/E2. You can be sure you have made the right choice in purchasing this device.

The TravelPilot E1/E2 is a radio navigation system the size of a standard car radio. However, it has a whole lot more to offer!

For instance, it includes the corridor and surrounding-area functions that allow you to listen to audio CDs during an active navigation session.

The TravelPilot E1/E2 is a reliable and easy-to-use navigation system that will guide you precisely to your destination.

These operating instructions will lead you step-by-step through the functions of the TravelPilot E1/E2 and will answer the most frequently asked questions. You will find further information on using these operating instructions in the section entitled 'About these instructions.'

If you have any further questions or would like to provide suggestions regarding the TravelPilot E1/E2, please do not hesitate to call our telephone hotline at any time or contact your dealer. The international telephone hotline numbers are printed at the end of these instructions.

Guarantee

We provide a manufacturer guarantee for our products bought within the European Union. For devices bought outside the European Union, the conditions of warranty issued by our representatives responsible for the relevant country apply.

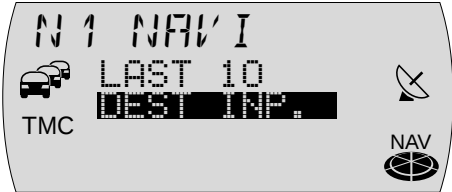
You can view the guarantee conditions at www.blaupunkt.de or ask for them directly at:

Blaupunkt GmbH
Hotline
Robert-Bosch-Str. 200
31139 Hildesheim
Germany

Notice regarding liability

Despite constant technical developments, the navigation system may in isolated cases provide incorrect or unoptimised navigation due to improper operation by the user, changes to the traffic-flow regulation, construction sites and road works, traffic load, errors or missing information on the navigation data media or general computer and position-fixing errors. Blaupunkt does not accept liability and does not provide compensation for any damages or other drawbacks arising from this.

Quick guide to navigation



Press the **NAV** button (1) once to switch from the radio or CD-changer (optional) audio source to the main navigation menu. Use the menu knob (10) to select the **DESTINATION INPUT** menu item and then press the **OK** button (11) to enter a new destination.

You will first be asked to select the destination country. Confirm your selection by pressing the **OK** button (11).

Now confirm the marked **TOWN** menu item by pressing the **OK** button (11).

In the displayed text input line, use the menu knob (10) to select the first letter or the first number of the postcode of the place that you want. Press the **OK** button (11) to accept the letter or number that you entered.

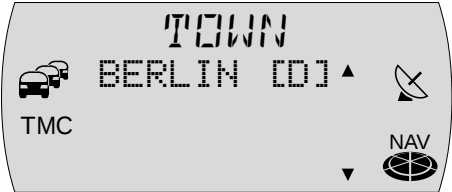


Now use the menu knob (10) to select the next character. To simplify text input, the system only displays and allows you to select characters that can logically follow on from the ones you have already entered (intelligent text-input line).

As soon as the TravelPilot E1/E2 recognises that the entry matches a place name stored on the CD it completes the name automatically. Furthermore, the TravelPilot E2 stores the last 20 towns that the navigation system guided you to. This helps you quickly find frequently-used destination towns.

In most cases, only a few letters are needed in order to enter the place name that you want.

When the name of the place that you are looking for appears in the text input line, press and hold down the **OK** button (11) for longer than 2 seconds or press the **>** button (8).



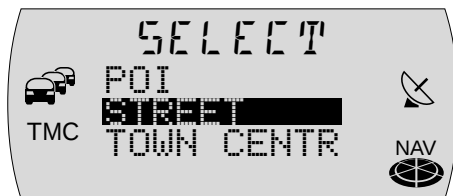
The selected place name will then be displayed in the list of destination places.

If you want to select a different place name from the list of destination places, you can browse through the list by turning the menu knob (10).

As soon as the name of the place you are looking for is displayed, press the **OK** button (11).

If there are several instances of the place name you selected, the system will display another menu containing the text input line so that you can define the county. Enter some more letters in order to define the place more precisely. As soon as the place that you want is displayed press the **OK** button (11).

Note: You can switch to the selection list at any time during the input process by pressing the **>** button (8).



In the subsequent selection, choose between STREET, TOWN CENTRe or POI (point of interest).

Streets can only be selected if the data are available on the navigation CD that is being used.

If you selected STREET, you can subsequently also enter crossroads or house numbers. Enter the name in the same way as described for TOWN.

Select TOWN CENTRe if you want to be guided directly to the centre of a town district.

You can use the POI option if you want to be guided directly to destinations like train stations, motorway junctions or tourist attractions.

When you have finished entering the destination, the DESTINATION IS BEING CHECKED message appears in the display. Afterwards, the destination appears in the display.



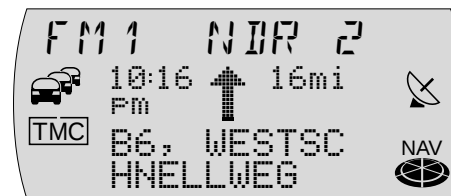
Note: You now have the option of storing the destination using buttons 1 - 6 (14). To store it, press and hold down the relevant button for longer than two seconds.

Now activate navigation by pressing the OK button (11).

Navigation begins as soon as the system has calculated the route. Furthermore, the system also loads the route corridor into memory. The loading progress is indicated by the segments of the navigation-CD symbol being filled in. You can remove the CD once all the segments appear filled in.

The visual driving recommendations are shown in the middle display area.

In the display area that contains the turning instructions, you will see an indicator bar to the right of the driving recommendations that provides a symbolic representation of the distance to the next decision point (e.g. crossroads). Furthermore, the name of the next road that the system suggests you should turn off into is also displayed.



If you are driving straight on, the name of the road you are currently driving down is displayed beneath the driving recommendations. At the top right you will see the current distance to your destination and at the top left the estimated time of arrival.

The currently active audio source is displayed above the driving recommendations. In radio mode, the station name or frequency will be shown. In CD-changer mode, the track and CD are displayed.

You can operate the audio functions during a navigation session by pressing buttons 1 - 6 (14).

Safety notices



The TravelPilot E1/E2 has been designed for use in passenger cars.

Special information such as height restrictions or maximum permitted road load, which is required for navigating lorries, trucks and buses, is not included on the navigation CDs.



Inserting/removing a CD

- For safety reasons, you should only insert or remove a CD when the vehicle is stationary.
- Only open the control panel when you want to insert or remove a CD.
- After inserting or removing a CD, close the control panel immediately to ensure that the device is ready for operation before setting off on your journey. If you do not do this, the device will switch off after 30 seconds.



Operating the device during your journey

If you do not pay attention to the road and traffic situation you could cause a serious accident.

To avoid being distracted by the TravelPilot E1/E2, please observe the following points:

- Familiarise yourself with the TravelPilot E1/E2 and how to operate it before setting off on your journey.
- Stop your vehicle at a suitable location if you want to reprogram the TravelPilot E1/E2.
- Whilst driving, only operate the TravelPilot E1/E2 if the road conditions and traffic situation allow you to do so.
- Only enter a destination whilst the vehicle is stationary.

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Compatible navigation CD-ROMs

The TravelPilot E1/E2 can only be used with navigation CD-ROMs that are labelled with an “E”. If there is no CD-ROM inserted in the device, a message informing you of this appears in the display as soon as you try to enter a destination.

Note: The TravelPilot E1/E2 is not designed for use with navigation CD-ROMs (CD-Rs, CD-RWs) that you have burned yourself. If you insert a CD-ROM that you have burned yourself, the text NAVIGATION IS BEING ACTIVATED appears continuously in the display. Any resulting limitations to navigation performance are not covered by the guarantee.

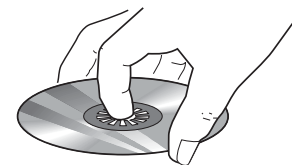
Care tips for CD-ROMs

If a CD-ROM becomes dirty, never clean it using circular motions but always wipe it from its centre to its outer edge using a soft lint-free cloth. If the CD is very dirty, we recommend you wash the CD using standard washing-up liquid. Again, when washing the CD, never clean it using circular motions but always wipe it from its centre to its outer edge and leave it to dry.

We also recommend you handle both the underside and upper side of the CD with care, since the CD structure is such that the information layer is located directly beneath the printed layer (i.e. the label side).

Some comments regarding questions on reading quality:

A dirty or damaged CD can lead to the CD drive having difficulty reading the CD. The severity of the reading error depends on the amount of dirt present or the severity of the physical damage. Severe scratches cause data-read errors, which lead the CD to “jump” or “get stuck” during playback. All CDs must be handled with care and always stored in a protective case.



About these instructions

The aim of these instructions is to familiarize you with the functions of your TravelPilot E1/E2 and to ensure that you can safely and successfully operate the device. Before starting to use your TravelPilot E1/E2, please read these instructions carefully and keep them in a safe place in your vehicle.

Note: Make sure you do not keep the equipment pass (enclosed in these instructions) inside your vehicle.

To help you find the information you need as quickly as possible, these instructions use the following symbols to denote individual steps:

- 1** Indicates the steps informing you how to carry out a particular action in order to achieve an intended system response to that action.
- ✓ Indicates the expected reaction of the device to the user's actions or input.
- Plus Point: Provides information and tips on operating the TravelPilot E1/E2.

Note: The displayed order and presence of menu items depends in part on the navigation CD-ROM that is inserted in the drive and might therefore differ from the pictures shown in these instructions.

Detachable control panel (flip-release panel)

Theft protection

To provide protection against theft, your device is equipped with a detachable control panel (flip-release panel) and a 4-digit device code. The device is worthless to a thief without this control panel.

Protect your device against theft by taking the control panel with you every time you leave your vehicle. Do not leave the control panel in your vehicle –not even in a hiding place.

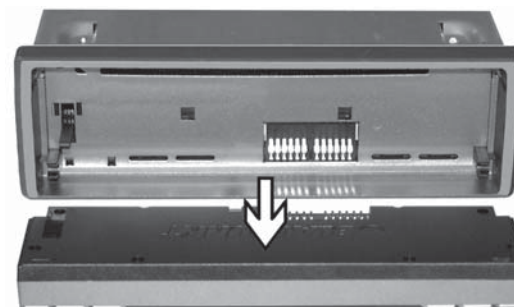
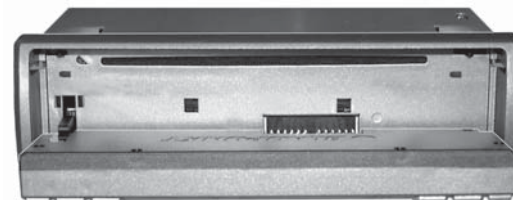
The control panel has been designed to be simple to attach and detach.

Notes: Never drop the control panel. Never expose the control panel to direct sunlight or other heat sources. Store the control panel in the supplied case. Avoid making direct skin contact with the control panel's contacts. If necessary, clean the contacts with a lint-free cloth and some alcohol.

Detaching the release panel

- 1 Press the  button .
- ✓ The release panel opens out towards you.
- 2 Pull the control panel straight out of the bracket.
- ✓ The device switches off after approx. 30 seconds when the control panel has been detached. All the current settings are saved. Any CD already inserted in the device remains there.

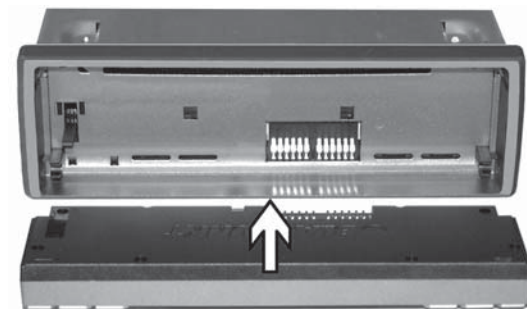
Note: The drive ejects any CD that is inserted but it will draw it back in again automatically if you do not take out the CD.



Attaching the release panel

- 1 Slide the control panel straight into the device's bracket.
- 2 Close the control panel.

Note: When attaching the control panel, make sure you do not press the display.



Switching the device on/off

- 1 To switch on your TravelPilot E1/E2, press button ③.
- ✓ The device plays the last active audio source at the volume level that was set when the device was last switched off. You can limit the power-on volume to a maximum value.

Note: You can find out how to limit the power-on volume in the section entitled “Configuring the power-on / navigation / traffic announcement / telephone volume and GALA settings” in the “Setup - basic settings” chapter.

- 1 To switch off the device, press and hold down button ③ for longer than 2 seconds.

Switching on/off using the vehicle ignition

The TravelPilot E1/E2 will switch on/off simultaneously with the vehicle ignition if it is correctly connected to the vehicle ignition and if you did not switch off the TravelPilot by pressing button ③.

You can also operate the TravelPilot E1/E2 when the ignition is off.

- 1 To do so, press button ③.

The device switches off automatically after an hour so as to protect the vehicle battery. You can repeat this procedure as often as you like. The imposed time limit is cancelled as soon as the ignition is turned on.

Note: To ensure that the TravelPilot E1/E2 functions properly, the device must be connected to the permanent positive power source and to the positive power source via the ignition as described in the installation instructions. The standby time that elapses after the device is switched off has been set to 30 minutes.



Selecting the operating mode

To switch to navigation mode,

1 press the **NAV** button ①.

- ✓ The main navigation menu appears or, if a navigation session is already active, the navigation (route guidance) display will appear instead.

To switch to radio mode,

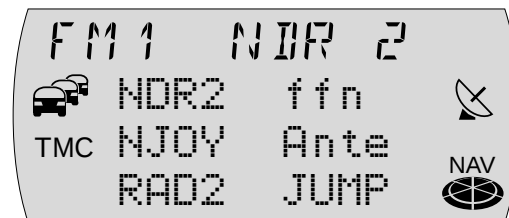
1 press the **FM•AM** button ④.

- ✓ The top line of the display shows the current station name / frequency as well as the memory bank. Beneath it you will see what stations have been assigned to the various station buttons.

To switch to CD mode or CD-changer mode,

1 press the **CD•C** button ⑤.

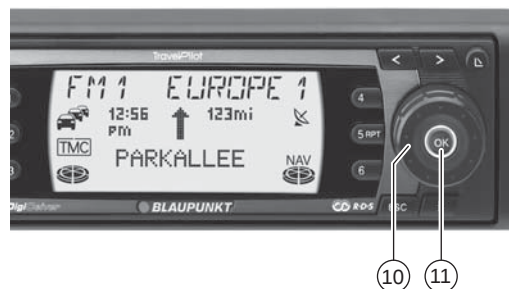
- ✓ CD or CDC appears in the top line of the display. Beneath it you will see the number of the CD in the CD changer, the current track and the playing time.



Selecting and confirming menu items

The right-hand menu knob ⑩ with its integrated **OK** button ⑪ is the main control element on the TravelPilot E1/E2. You can use it to select menu items and characters when entering data as well as change settings and confirm your input.

- Selecting menu items and characters: turn the menu knob ⑩ clockwise or anticlockwise.
- Confirming menu items and selected items: press the **OK** button ⑪.



Adjusting the volume

To increase the system volume,

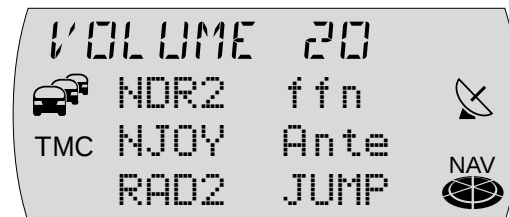
- 1 turn the volume control ② clockwise.

To decrease the system volume,

- 1 turn the volume control ② anticlockwise.

- ✓ The currently set value appears in the top line of the display whilst you are making your adjustments.

- Plus Point: Whilst a spoken driving recommendation is being made by the navigation system, you can use the volume control ② to adjust the volume of the driving recommendation independently of the basic volume level of the audio source. The volume level that you set is stored automatically.



Activating mute

You can decrease the volume instantaneously.

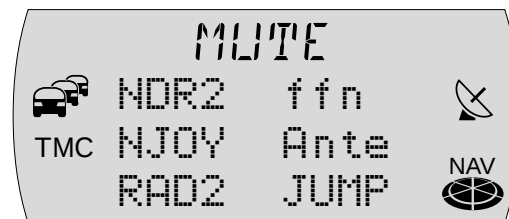
- 1 Briefly press button ③.

- ✓ MUTE appears in the top line of the display.

- Plus Point: The navigation system's spoken driving recommendations are not affected by this and can therefore still be heard.

To cancel mute,

- 1 briefly press button ③ again or turn the volume control ②.



Putting through telephone calls automatically

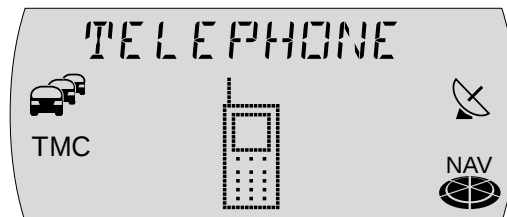
If the device is properly connected to a car telephone, telephone calls will be outputted over the loudspeakers of the TravelPilot E1/E2. TELEPHONE appears in the display.

The call will be put through even if the TravelPilot E1/E2 is switched off. The TravelPilot E1/E2 will then switch on for the duration of the telephone call.

You can set the volume level of the telephone call.

- 1 Turn the volume control ② to adjust the volume to the preferred level.
- Plus Point: During an active telephone call, you can use the volume control ② to adjust the volume of the call independently of the basic volume level of the audio source.

Note: If you change the volume during a call, the set volume level will be retained by the device until the next time you switch the device off. Thereafter, when a new call arrives, the system will output the call at the power-on volume level.



Display

The TravelPilot E1/E2s display contains all the navigation information (e.g. visual driving recommendations), menus and lists, as well as the radio, CD and CD-changer (optional) audio sources.

The display's brightness and readability can be optimised to suit the viewing angle in your vehicle. For further information, read the section entitled "Setting the day/night display brightness and contrast" in the "Setup –basic settings" chapter.

Note: Please treat the display with care. Contact with sharp objects causes scratches and damages the covering pane. Only clean it with a lint-free cloth and, if necessary, with some cleaning alcohol. Do not use any solvents such as turpentine or petrol when cleaning, since these will affect and damage the pane.

Switching on a coded device after disconnection from the battery power supply

If you switch on a coded device after having disconnected it from the battery power supply (e.g. after carrying out repairs to the vehicle), the system will display a message asking you to enter the code. You will find the numerical code printed on your device's equipment pass. Never keep the equipment pass in the vehicle!

To enter the numerical code, proceed as follows:

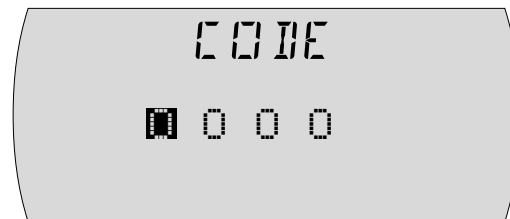
- 1 For the first digit of the numerical code: press button **1** ⁽¹⁴⁾ repeatedly until the first digit of the code appears in the display.
- 2 For the second digit of the numerical code: press button **2** ⁽¹⁴⁾ repeatedly until the second digit of the code appears in the display.
- 3 For the third digit of the numerical code: press button **3** ⁽¹⁴⁾ repeatedly until the third digit of the code appears in the display.
- 4 For the fourth digit of the numerical code: press button **4** ⁽¹⁴⁾ repeatedly until the fourth digit of the code appears in the display.

Once you have finished entering the whole numerical code and it is shown in the display,

- 5 press and hold down the **OK** button ⁽¹¹⁾ for longer than 2 seconds.
- ✓ The device switches on.

Alternatively, you can enter the numerical code using the menu knob ⁽¹⁰⁾ and the **OK** button ⁽¹¹⁾.

- 1 To do so, turn the menu knob ⁽¹⁰⁾ until the required digit appears in the display.
- 2 Press the **OK** button ⁽¹¹⁾ to mark the next input position in the numerical code.
- 3 Repeat steps **1** and **2** for the remaining digits of the numerical code.



Once you have finished entering the whole numerical code and it is shown in the display,

4 press and hold down the **OK** button (11) for longer than 2 seconds.

✓ The device switches on.

Entering the wrong numerical code

If you inadvertently entered and confirmed the wrong numerical code, you can enter it again. To prevent thieves from working out the numerical code by trial and error, the device will be locked for one hour if the code is entered incorrectly three times.

The device must then remain switched on for one hour (**switched on via the ignition**) before you can try entering the code again. If the device is disconnected from the power supply during this waiting period, the countdown will be reset and the waiting period will be set to one hour again.

It is also possible to disable the code request feature. For further information, read the section entitled "Enabling/disabling the device code" in the Setup – basic settings"chapter.



Navigation

The navigation system in the TravelPilot E1/E2 helps you find your way to destinations quickly and safely without first having to spend time studying a road-map. When navigation (route guidance) is active, you will be guided by the device's voice output feature. The system will warn you in good time about approaching turning-off points. In addition, the display shows visual driving recommendations and indicates the current distance to your destination and the estimated time of arrival at your destination.

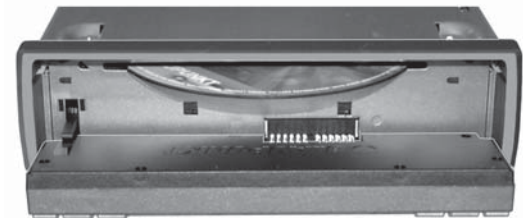
 **Road safety has absolute priority. Please be aware that the current way in which traffic is being directed always has priority over the driving recommendations made by the navigation system.**

How navigation works

The system works out the current vehicle position using the electronic speedometer signal, a gyroscope (which detects changes in the vehicle's direction) and a signal transmitted by GPS satellites (Global Positioning System). The navigation system compares the data with the digitised map and uses this information to calculate your position and the routes used for navigation.

Inserting the navigation CD

- 1 Press the  button  to open the release panel.
- ✓ The control panel opens out towards you and any CD that is already inserted in the drive is ejected.
- 2 If a CD is ejected, take it out and then carefully push the navigation CD with its printed side uppermost into the device's CD compartment until you feel some resistance. From this point onwards, the drive will draw in the CD automatically.



Note: If you do not take out the ejected CD, the drive will draw it back in again automatically after approx. 10 seconds.

Downloading the navigation software

The system automatically loads the navigation software into memory from the CD. The software remains in memory until the device is disconnected from the operating voltage or until the system automatically shuts down fully 72 hours after the user switches off the device. (Note: the power supply for the device memory is switched off to conserve the vehicle battery). The system also starts downloading from the CD if the navigation software that is loaded in the device does not match the software that is stored on the CD.

Note: The software loading process is indicated on the display and should not be interrupted.



Corridor function

The corridor function is used for navigation without a CD-ROM. Once the system begins calculating the route, it loads the data necessary for navigation into the TravelPilot E1/E2s memory. After the loading process has completed, you can eject the CD-ROM from the drive and insert an audio CD instead. When all the segments of the navigation-CD symbol appear filled in, this indicates that the loading process has ended.

Surrounding area function

The surrounding area function allows you to enter destinations within the area stored in memory without you having to insert the CD-ROM. In order for this to work, the system loads parts of the navigation data (depending on the vehicle location) from the CD-ROM into the navigation memory. The navigation system then accesses the data stored in memory when you enter a destination. The amount of data stored in memory depends on the current operating conditions.

Note: Any memory available after the corridor has been loaded will be used to store the data for the surrounding area function. The CD symbol at the bottom right of the display indicates when data are being loaded. Data are loaded even if there is no navigation session currently active.

You will be asked to insert the navigation CD in certain situations when the device needs to load new data from the CD. If you do not insert the navigation CD after being asked to do so during the active navigation session, a compass-card symbol will appear in the display.

Notes: If a navigation session is active within the stored corridor and you insert a CD-ROM containing navigation software that is different to the software already installed on the device, the system will ask you whether you want to load this new software into the device. If you decide to go ahead with this download, the system will cancel the currently active navigation session. If you do not go ahead with the download, a compass-card symbol will appear in the display after your vehicle leaves the corridor.

Starting navigation

1 Whilst the device is switched on, press the **NAV** button ①.

✓ The main navigation menu appears.

The following destination selection options are available in the main navigation menu:

- **LAST 10:** Access the last 10 destinations
- **DESTINATION INPUT:** Enter a destination by specifying an address

Similar to the memory banks in radio mode, the navigation system also has several memory banks at its disposal (N1, N2, N3 and N4). You can store six destinations in each of these memory banks using buttons **1 - 6** ⑭.



To switch between the navigation system's memory banks,

- 1 press the **NAV** button  repeatedly until the memory bank that you want appears in the top line of the display.

Before navigation can begin, you must first insert a TravelPilot type E*navigation CD into the drive or the necessary data must already be available in the device's memory. Furthermore, you must specify a destination.

Entering a destination

You can enter a destination by selecting one from the destination memory or by entering a place name or postcode, a centre, a road name, crossroads or house number, or by selecting a special destination (e.g. a motorway junction, train station, hotel, shopping centre, etc.). You can also enter the country name.

The main navigation menu appears in the display after you activate navigation mode by pressing the **NAV** button .

Destinations

The following destinations are allowed:

- the last 10 destinations,
- the centre of a place or the centre of a city district,
- a road,
- a crossing where two or more roads intersect,
- a house number or a range of house numbers,
- special destinations such as train stations, airports, petrol stations and other public buildings,
- destinations from the destination memory.



Entering destinations using the text input line

You can use the text input line to enter data such as town names and road names into the navigation system. The text input line is equipped with an intelligent text-input feature, which only allows you to enter characters that can logically follow on from the ones you have already entered.

Example: If you are entering a street name and there are no streets starting with the letter A in your chosen destination town, the system will hide the letter A. Similarly, the letter C will not be displayed if you entered B as the first letter and there are no street names in the destination town starting with the BC letter combination.

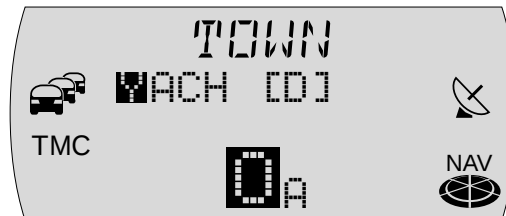
As soon as the system finds a clear match for the characters you have entered, it will automatically complete your text entry. This means you usually only have to enter a few characters in order to specify a place name or street name.

Example: If, whilst in Germany, you were to enter YO as the first two letters of a place name, the system would automatically complete your entry with RCKGEBIET because no other feasible entry exists in the list of place names on the Germany CD.

Selecting characters

The first possible character is displayed as soon as the text input line is displayed. Now proceed as follows:

- 1 Mark the first character.
- **Plus Point:** The system magnifies and displays the marked character against a dark background to show that it is marked.
- 2 Confirm your selection by pressing the **OK** button ⁽¹¹⁾.
- 3 Select the next character and confirm your selection again by pressing the **OK** button ⁽¹¹⁾.



- ✓ If the characters you have entered so far allow the system to find a name match, it will automatically complete the name for you.
- 4 Repeat steps **1 - 3** as many times as are necessary until the name that you want is displayed in the text input line.
- 5 If you want the system to use this name, press and hold down the **OK** button (11) for a longer period or press the **>** button (8).
- ✓ The entered name is displayed in the list of place names (if entering a place) or street names (if entering a street).

Deleting entered characters

To delete an incorrect character that you entered accidentally,

- 1 press the **<** button (7) or the **ESC** button (13).
- ✓ The input cursor moves one position to the left. Any text that was automatically entered by the system to complete the name will be deleted.

Notes: You can delete all the characters by pressing and holding down the **<** button (7) for a longer period. You can go to the main navigation menu by pressing and holding down the **ESC** button (13) for a longer period.

Browsing through lists and using entries

Since the number of available lines on the display is limited, lists are spread over several pages. Lists are indicated by **▲ ▼** arrows on the right-hand side. If only the **▼** arrow is visible you can only scroll downwards. If only the **▲** arrow is visible you can only scroll upwards.

- 1 To browse through a list, turn the menu knob (10) clockwise or anticlockwise.
- ✓ The next or previous entry in the list is then displayed.
- 2 To select and use an entry from a list (e.g. to use it as the destination place name), press the **OK** button (11).



Entering a destination – Country

The navigation CD currently contains the entire road data for a country as well as the interconnecting road network (Major Roads) for Europe. When you enter a destination for the first time, the system will ask you to select a country. Generally this will be the country in which you are currently staying.

- 1 Mark and confirm the DESTINATION INPUT menu item in the main navigation menu and then mark and confirm the COUNTRY menu item.
- ✓ A list appears from which you can then select the country.
- 2 Turn the menu knob ⁽¹⁰⁾ until the country that you want is displayed and then press the OK button ⁽¹¹⁾.
- ✓ The destination input menu appears.

Note: The system remembers the destination country that was selected until you select another country or insert a new CD or until the TravelPilot E1/E2 automatically shuts down fully approx. 72 hours after you switch off the device.

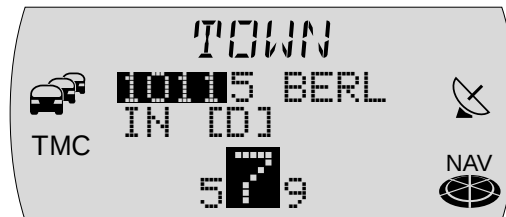


Entering a destination – Town

If you want to drive to a destination located in a particular place, you must first specify a place name. You can do so either by entering the name of the place or its postcode.

- Plus Point: Entering the postcode has the advantage that the destination place can be identified clearly.

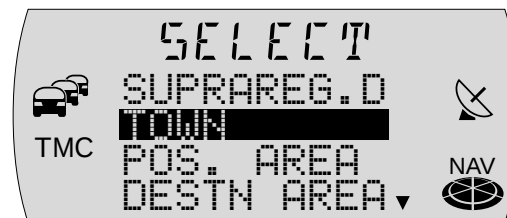
Note: Postcodes that are assigned to PO boxes cannot be used when entering a destination.



In smaller municipalities, it is possible that a postcode will cover several small towns and villages. In this case you must select the appropriate place name after entering the postcode. In general, entering the first letter of the place name that you want will be sufficient. This will then appear next to the postcode in the display.

Note: You can only enter destinations by way of the postcode if the appropriate data are available on the navigation CD-ROM.

- 1 Mark and confirm the DESTination INPut menu item in the main navigation menu and then mark and confirm the TOWN menu item.
- ✓ The text input line for entering the town name appears and the town name that was entered last is displayed.
- **Plus Point:** The system automatically proposes the last entered town name for the new destination. You can accept this proposal by pressing and holding down the **OK** button (11) or by pressing the **>** button (8). The last 20 towns are stored by the TravelPilot E2. If you enter the first letters of a destination and they match the first letters of one of the last 20 towns, the system will display the corresponding town name. If there is no match, the first suitable entry from the town list will be displayed.
- 2 Enter the place name using the text input line. (For further information, read the section entitled **Entering destinations using the text input line**).
- 3 Switch to the list.
- ✓ The name is displayed in the list of destination places.
- 4 Select the town that you want and press the **OK** button (11) to accept the town as your destination.
- ✓ The system then accepts the town as the destination.



Note: If there are several instances of the place name that you selected, the system will display another menu containing the text input line so that you can define the county. Enter some more letters in order to define the place more precisely. The system displays the distance as the crow flies and the destination direction in order to assist you. This, however, does not apply if you selected the town by entering the postcode.

Once you have selected the town, you will be taken to the next step for entering your destination. Now choose between:

- **POI:** You can directly select special destinations from a list of categories for the selected town (e.g. train station, shopping centre, etc.). For information on entering other special destinations, read the section entitled "Entering a destination - special destinations".
- **STREET:** For entering the destination street. Whether a street can be entered as a destination depends on the data stored on your navigation CD.
- **TOWN CENTRE:** For selecting the centre of a place or the centre of a town district as your destination.

Note: If data are not available for certain items, they will not be displayed.

Entering a destination – Special destination at your final destination

You can directly select special destinations (e.g. restaurants, car parks, hotels, etc.) that are located at your final destination. You must, however, have entered a destination place before you can do so.

- 1 Mark and confirm the POI menu item.
- ✓ A list of special destinations categories is displayed.
- 2 Select and confirm the category that you want.
- ✓ The text input line for entering the special destination is displayed.



- 3 Enter the special destination name in the same way as you would enter a destination name.
- 4 Switch to the list.
- ✓ The available special destinations are displayed alphabetically.
- 5 Mark and confirm the destination that you want.

As soon as you have selected and confirmed the special destination that you want, you can start navigation. For further information, read the section entitled "Navigation".

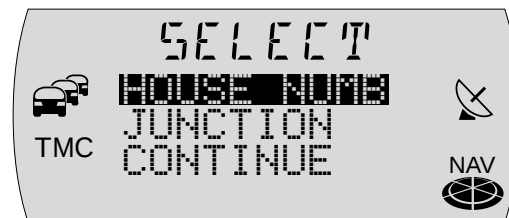
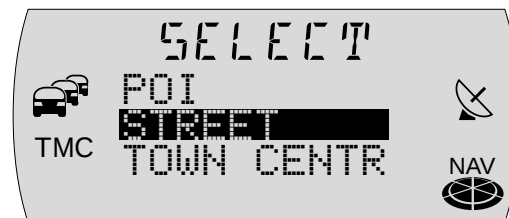
Entering a destination – Street, house number and cross-roads

- 1 Mark and confirm the STREET menu item.
- 2 Enter the street name using the text input line. (For further information, read the section entitled "Entering destinations using the text input line").
- 3 Switch to the list.
- ✓ The name of the street is displayed in the list of street names.
- Plus Point: To make your search easier, long street names may also be stored in several ways, e.g. RAABE-WEG, WILHELM- and WILHELM-RAABE-WEG.
- 4 Mark and confirm the street name that you want.

Note: If the street name occurs several times in the destination town, a submenu will open in which you can enter the postcode or the district name in order to specify the street name precisely.

Once you have selected the street, you can choose between the following options:

- **HOUSE NUMBER:** You can additionally specify a house number or range of house numbers as your destination.



- **JUNCTION:** You can additionally select a road junction or a crossroads on the selected street in order to define your destination more precisely.

Note: If you enter a new destination without the navigation CD-ROM (corridor function) being present in the device, you will not be able to select the house number and junction.

- **CONTINUE:** You have finished entering the destination and can start navigation. For further information, read the section entitled "Navigation".

Note: If there are no data available for certain items they will not be displayed as options.

House number

If you selected **HOUSE NUMBER**, a list of the available house numbers appears. These can either be single house numbers or ranges of house numbers. On the TravelPilot E2, you can freely enter a house number using the input line. If the entered house number does match one in the database on the CD, the system will display the list of available house numbers.

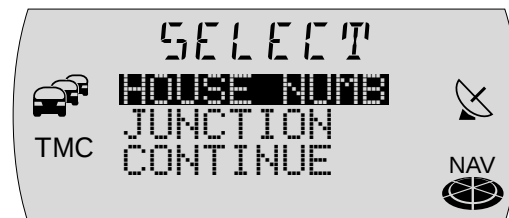
- 1 Mark and confirm the house number or range that you want.

✓ The selected destination is displayed.

- 2 You can now start navigation using the **OK** button ⁽¹¹⁾.

- **Plus Point:** After you have finished entering the destination and before starting navigation, you have the option of storing the destination in the destination memory. For further information, read the section entitled "Destination memory".

You can specify route options in order to customise the route to suit your particular requirements, e.g. excluding motorways. For further information, read the section entitled "Defining route options" in this chapter.



Crossroads

If you selected the JUNCTION menu item, a list of road junctions and crossroads that are available on the destination street will be displayed.

Note: If a crossroads or junction appears twice, the system will also display the compass direction.

- 1 Mark and confirm the crossroads that you want in the list.
 - ✓ The selected destination is displayed.
 - 2 You can now start navigation using the **OK** button (11).
- **Plus Point:** After you have finished entering the destination and before starting navigation, you have the option of storing the destination in the destination memory. For further information, read the section entitled "Destination memory."

You can specify route options in order to customise the route to suit your particular requirements, e.g. excluding motorways. For further information, read the section entitled "Defining route options" in this chapter.

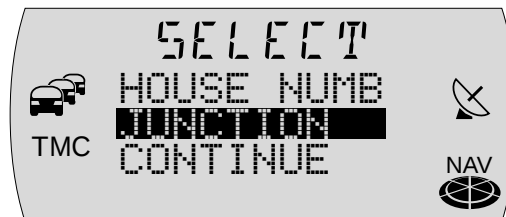
Entering a destination – Centre

If after entering the town name you selected the TOWN CENTRE menu item, the text input line will be displayed so that you can select a town centre.

- 1 Enter the centre using the text input line.
- ✓ The available town centres are displayed depending on the amount of information you have already entered.

Note: If you selected the place name by entering the postcode, the system will only offer you a selection of town centres that are relevant for the postcode that you entered.

- 2 Switch to the list and select the centre of the town district that you want. Then confirm your choice.



3 You can now start navigation using the **OK** button ⑪.

- **Plus Point:** After you have finished entering the destination and before starting navigation, you have the option of storing the destination in the destination memory. For further information, read the section entitled **Destination memory**."

You can specify route options in order to customise the route to suit your particular requirements, e.g. excluding motorways. For further information, read the section entitled **Defining route options**"in this chapter.

Entering a destination – Special destinations

This function allows you to select special destinations, e.g. motorway exits, multi-storey car parks, petrol stations, restaurants, etc. There are various options available when selecting a special destination:

- **Supra-regional (national) destinations** - special destinations like border crossings, etc.
- **Area around your position** - special destinations located in the area around the current vehicle position.
- **Area around your destination** - special destinations located in the area around the last active destination.

Supra-regional (national) destinations

You can select motorway junctions, motorway service stations, airports, etc. as special destinations from the entire area covered by the navigation CD that you are currently using. All you need to know to use this feature is the name of the destination that you want.

1 Press the **NAV** button ①.

✓ The main navigation menu appears.

2 Select and confirm the **DESTINATION INPUT** menu item.

- ✓ The destination input menu appears.
- 3 Select and confirm the SUPRAREGional Destinations menu item.
- ✓ A list of special destinations categories is displayed.
- 4 Select and confirm the category that you want.
- ✓ The available destinations are displayed alphabetically.

Note: If available, the text input line is opened first of all. Use it to enter the required name or the first letter and then open the list.

- 5 Select and confirm the special destination that you want.

As soon as you have selected and confirmed the special destination that you want, you can start navigation. For further information, read the section entitled "Navigation".

Area around your position

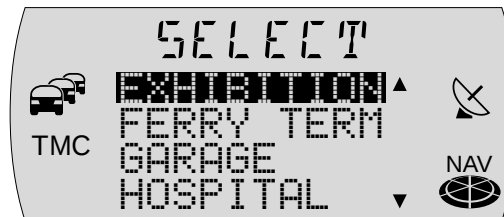
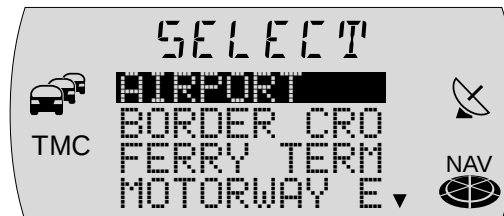
You can select special destinations relevant to the area around your current vehicle position.

Note: The system only offers this menu item as an option if your position is available.

- 1 Press the **NAV** button .
- ✓ The main navigation menu appears.
- 2 Select and confirm the DESTination INPut menu item.
- ✓ The destination input menu appears.
- 3 Select and confirm the POSition AREA menu item.
- ✓ A list of special destinations categories is displayed.

Note: The selection of available categories depends on the data included on the navigation CD-ROM.

- 4 Select and confirm the category that you want.



- ✓ The available destinations are displayed sorted according to their distance from your position.

Note: If available, the text input line is opened first of all. Use it to enter the required name or the first letter and then open the list.

- 5 Select and confirm the destination that you want.

As soon as you have selected and confirmed the special destination that you want, you can start navigation. For further information, read the section entitled "Navigation".

Area around your destination

Special destinations in the area around your destination always relate to the destination that was active last.

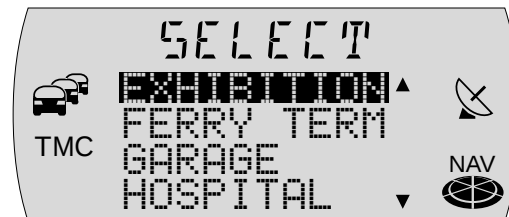
- 1 Press the **NAV** button ①.
- ✓ The main navigation menu appears.
- 2 Select and confirm the **DESTINATION INPUT** menu item.
- ✓ The destination input menu appears.
- 3 Select and confirm the **DESTINATION AREA** menu item.

Note: The system only offers this menu item as an option if a destination is available.

- ✓ A list of special destinations categories is displayed.

Note: The selection of available categories depends on the data included on the navigation CD-ROM.

- 4 Select and confirm the category that you want.
- ✓ The available destinations are displayed sorted according to their distance from your destination.



Note: If available, the text input line is opened first of all. Use it to enter the required name or the first letter and then open the list.

- 5 Select and confirm the destination that you want.

As soon as you have selected and confirmed the special destination that you want, you can start navigation. For further information, read the section entitled "Navigation".

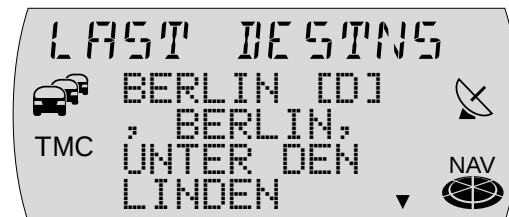
Entering a destination – Last 10 destinations

The TravelPilot E1/E2 automatically stores the last 10 destinations for which the system has previously calculated a route. You can access these directly as and when required. If the memory is full and the system calculates a new route, the oldest route will be deleted from memory.

To access one of the last 10 destinations,

- 1 mark and confirm the LAST 10 menu item in the main navigation menu.
- 2 Select and confirm the destination that you want.
- 3 The system calculates the route and then starts navigation.

Note: If necessary, you will be asked to insert the navigation CD-ROM if it is not already present in the CD drive.



Entering a destination – From the destination memory

You can store destinations in the destination memory that you drive to regularly so you can access them easily for other navigation sessions. For further information, read the section entitled "Destination memory."

The navigation system has four memory banks at its disposal (N1, N2, N3 and N4). Six destinations can be stored in each memory bank.

To access destinations from the destination memory,

- 1 press the **NAV** button .
- ✓ The main navigation menu and the memory bank that was active last are displayed.
- 2 Press the **NAV** button  repeatedly until the memory bank that you want is displayed.
- 3 Press one of the **1 - 6** buttons  that corresponds to the stored destination.
- ✓ The destination that is assigned to the button you selected is displayed.
- 4 If you want to use the destination for navigation, press the **OK** button .
- ✓ Navigation begins. For further information, read the section entitled "Navigation."

Note: If necessary, you will be asked to insert the navigation CD-ROM if it is not already present in the CD drive.



Destination memory

In the destination memory you can store destinations that you want to navigate to later on. You can also set your current position as a position marker and then access it from memory at some other point in time to use it as your destination. It is not possible to set a position marker during an active navigation session.

There is space for storing a total of 24 destinations – six in each of the navigation system's memory banks.

Storing a new destination in the destination memory

After you have finished entering the destination and before starting navigation, you have the option of storing the destination in the destination memory.

- 1 Select the memory bank in which you want to store the destination. To do so, press the **NAV** button  repeatedly until the memory bank (N1, N2, N3 or N4) that you want appears in the display.
 - 2 Press and hold down one of the **1 - 6** buttons  for longer than 2 seconds to assign the destination to that button.
- ✓ You will hear a confirmation beep when the destination has been stored.

Storing the currently active destination in the destination memory

You can store the active destination of the current navigation session in the destination memory.

- 1 Press the **i** button  twice.
- ✓ The current destination is displayed.
- 2 Select the memory bank in which you want to store the destination. To do so, press the **NAV** button  repeatedly until the memory bank (N1, N2, N3 or N4) that you want appears in the display.
 - 3 Whilst the destination is being displayed, press and hold down one of the **1 - 6** buttons  for longer than 2 seconds to assign the destination to that button.



- ✓ You will hear a confirmation beep when the destination has been stored. The navigation display will then appear again.

Storing your current position as a destination

You have the option of storing your vehicle's current position as a destination in the destination memory. This feature is useful if you spot an interesting location during your journey and want to return to it some other time.

Note: To ensure that your vehicle position can be stored as a position, a navigation CD must be inserted in the drive.

To store your current position as a destination,

- 1 press the **NAV** button (1).
 - 2 Select the memory bank in which you want to store the position. To do so, press the **NAV** button (1) repeatedly until the memory bank (N1, N2, N3 or N4) that you want appears in the display.
 - 3 Press the **i** button (12).
- ✓ The current position is displayed.
 - 4 Whilst the position is being displayed, press and hold down one of the **1 - 6** buttons (14) for longer than 2 seconds to assign the position to that button.
 - ✓ The position is entered into the destination memory.



Navigation

Starting navigation

Once you have entered a destination, the destination address appears in the display. If you want to start a navigation session in order to be guided to this destination,

- 1 press the **OK** button .

Route calculation

After you activate navigation, the system will show a warning on the display for approx. 5 seconds. Afterwards, the system starts calculating the route.

- **Plus Point:** The system loads the route fully into the navigation memory when it calculates and completes the route. This means you can remove the navigation CD-ROM from the drive after the loading process is complete and play an audio CD.

If the vehicle is on one of the digitised roads, navigation will begin with audio and visual driving recommendations as soon as the route has been calculated.

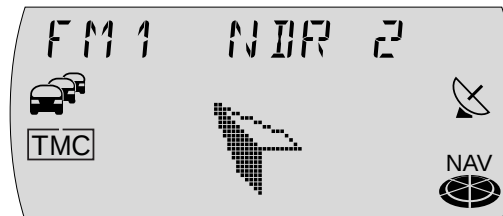
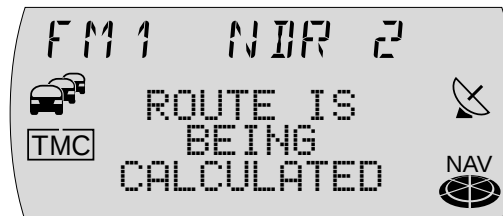
Note: A compass-card symbol will appear on the display during navigation in the following situations:

The vehicle is currently on a road that has not been digitised.

The TravelPilot E1/E2 cannot calculate a route to the destination that you selected.

You have left the area covered by the navigation CD or you have left the corridor that is stored in memory.

If any of these cases arise, follow the compass-card symbol. As soon as you drive onto a digitised road again, audio and visual driving recommendations will resume.



● **Plus Point:** If you deviate from the recommended route, the system automatically calculates a new route from the current vehicle position to the already entered destination. The system might ask you to insert the navigation CD.

Driving recommendations

The visual driving recommendations are shown in the middle display area. If you are driving straight on, the name of the road you are currently driving down is displayed beneath the driving recommendations. At the top right you will see the current distance to your destination and at the top left the estimated time of arrival.

In the display area that contains the turning instructions, you will see an indicator bar to the right of the driving recommendations that provides a symbolic representation of the distance to the next decision point (e.g. crossroads). Furthermore, the name (if available) of the street that the system recommends you should turn off into is displayed above the turning symbol.

The current audio source is displayed above the driving recommendations. In radio mode you will see the station name or frequency, and in CD-changer mode the track and CD number.

● **Plus Point:** Whilst the navigation session is active, the six buttons **1 - 6** ⁽¹⁴⁾ and the **<** ⁽⁷⁾ and **>** ⁽⁸⁾ buttons have the same function as they do in the main menu of the currently active audio source. This means you can operate the primary functions of the active audio source at any time without having to exit the navigation session.

In addition, the TravelPilot assists you by providing spoken driving recommendations and announces approaching turning-off points in good time. The system informs you about the route by stating the road number (A-roads and motorways). You can also deactivate the speech output completely (see *Configuring the language and speech options* in the *Setup -basic settings* chapter). Alternatively, you can make the TravelPilot E2 play detailed traffic jam announcements (see *Configuring the language and speech options* in the *Setup -basic settings* chapter).



Switching audio sources

You can switch to a different audio source at any time during navigation.

- 1 Press the **FM•AM** (4) button or the **CD•C** button (5) during the active navigation session to switch between radio mode and CD-changer mode.
- ✓ The main menu of the selected audio source appears in the display. CD-changer mode is only available if a CD changer is connected and operational.

If you want to switch back to the navigation session display,

- 2 press the **NAV** button (1).

Cancelling navigation

To cancel an active navigation session,

- 1 press the **ESC** button (13).

✓ A confirmation request appears.

If you are sure you want to cancel navigation,

- 2 press the **OK** button (11) or

if you do not want to cancel navigation,

- 2 press the **ESC** button (13) again.

Note: The data for the current corridor remain in memory after you cancel navigation. This means you can navigate to the last destination again without having to insert the navigation CD-ROM. If you enter a new destination, the system might ask you to insert the navigation CD-ROM.



Dynamic navigation

During dynamic navigation, the TravelPilot E1/E2 analyses digital traffic information messages and uses this information when planning the route. The system receives the traffic messages from TMC (Traffic Message Channel) stations. These are RDS stations that additionally broadcast their traffic messages in digital form. If the system is already receiving a TMC station, the TMC symbol will appear on the display.

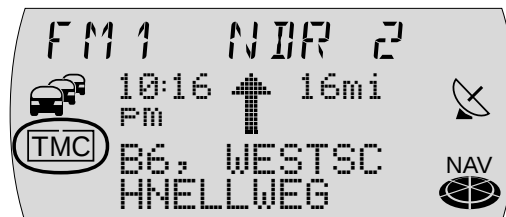
If you want to make a currently active navigation session dynamic,

- 1 press and hold down the **NAV** button (1) for longer than 2 seconds during the active navigation session.
- ✓ A selection menu appears in the display.
- 2 Mark and confirm the **ROUTE OPTI**ions menu item.
- ✓ The menu for setting the route options appears.
- 3 Mark and confirm the **DYNAMIC** route option.
- ✓ If the route option is activated, a filled-in square appears next to it.

Note: If you select dynamic navigation you can additionally choose between a quick, short or optimum route calculation.

- 4 Press and hold down the **OK** button (11) for longer than 2 seconds and then press the **ESC** button (13), or press the **ESC** button (13) twice.
- ✓ The system calculates the route again and the navigation display appears. Furthermore, the TMC symbol is displayed surrounded by a border.

Notes: If necessary, you will be asked to insert the navigation CD-ROM if it is not already present in the CD drive. The system must be tuned into a TMC station during navigation in order to provide dynamic navigation. The TMC symbol flashes if the system is not tuned into a TMC station.



Recalculating the route

If the TravelPilot E1/E2 receives a traffic message from the TMC that is relevant to the route, it will automatically recalculate the route. The system outputs a voice announcement informing you that the route is being recalculated.

- **Plus Point:** If the speech output for traffic announcements is activated on the TravelPilot E2 (see "Configuring the language and speech options" in the "Setup -basic settings" chapter), the system will read out a detailed traffic jam announcement (if the announcement applies to the current route).

Depending on the information broadcast over TMC, the TravelPilot E1/E2 might (but not necessarily) work out a detour. If the system does guide you through the traffic disruption despite having recalculated the route, it will inform you of this with a voice announcement telling you that the route contains traffic disruptions.

Notes: If necessary, the system will ask you to insert the navigation CD-ROM.

Tuning into TMC stations automatically

If the automatic TMC feature is activated and the system did not receive a TMC station before, the tuner will automatically tune into a TMC station when you select DYNAMIC.

Note: TMC seek tuning can take a long time because the system scans the entire frequency range for TMC stations. Radio mode is not available during this time.

To activate the automatic TMC feature, proceed as follows:

- 1 Press the **MENU** button (15).
- ✓ The setup menu appears in the display.
- 2 Mark and confirm the **RADIO** menu item.
- ✓ A selection menu appears in the display.

- 3 Mark and confirm the **TMC AUTO** menu item.
- 4 Mark the **ON** menu item and press the **OK** button (11).
- 5 Press the **ESC** button (13) twice to return to navigation mode.

Tuning into TMC stations manually

To tune into a TMC station manually, proceed as follows:

- 1 Press the **<** button (7) or the **>** button (8).
- ✓ The radio tunes into the next receivable station. If it is a TMC station, the TMC symbol appears on the display. If not, start seek tuning again.

Reading TMC messages

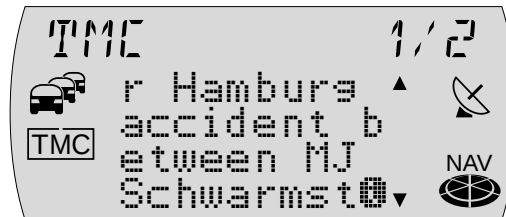
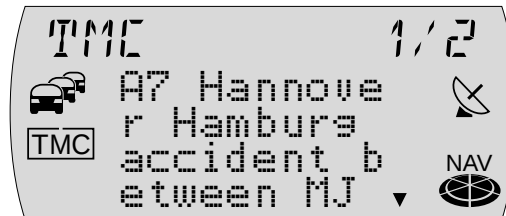
The TravelPilot E1/E2 provides you with the option of displaying the traffic messages received via TMC (Traffic Message Channel).

- 1 Press and hold down the **TRAF** button (16) for longer than 2 seconds.
- ✓ The TMC messages are displayed sorted according to road numbers. If no messages are stored in memory, an appropriate notice will be displayed.
- 2 Turn the menu knob (10) to browse through the list of available messages.

If a message is longer than the display area can accommodate,

- 1 press the **i** button (12).
- 2 Turn the menu knob (10) to scroll through the message.
- 3 Press the **ESC** button (13) to return to the list.

Note: To ensure that only the data that are relevant to your current vehicle position are used, the TMC function only processes TMC messages relating to an area within a radius of approx. 60 miles (100 km) around your vehicle position.



Bypassing a traffic jam during navigation

Alongside the ability to automatically bypass traffic jams with the aid of the dynamic navigation feature, the TravelPilot E1/E2 also gives you the option of manually entering traffic jams or blocked sections of road during an active navigation session.

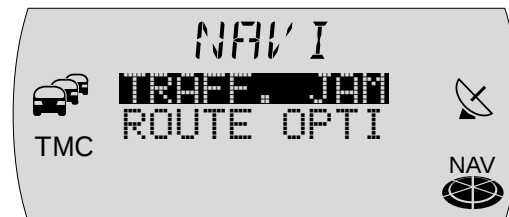
To bypass a traffic jam, proceed as follows:

- 1 Press and hold down the **NAV** button (1) for longer than 2 seconds.
- ✓ A selection menu appears in the display.
- 2 Mark and confirm the **TRAFFIC JAM** menu item.
- ✓ The traffic jam menu appears in the display.
- 3 Turn the menu knob (10) to set the distance to the end of the traffic jam relative to your current position.
- 4 Press the **OK** button (11).
- 5 Press the **ESC** button (13).
- ✓ The navigation session display appears again and the route is recalculated.

Note: If necessary, the system will ask you to insert the navigation CD-ROM.

Cancelling the traffic jam bypass feature

- 1 Press and hold down the **NAV** button (1) for longer than 2 seconds.
- ✓ A selection menu appears in the display.
- 2 Mark and confirm the **TRAFFIC JAM** menu item.
- ✓ A query appears in the display.
- 3 If you want to cancel the traffic jam bypass feature, press the **OK** button (11).
- 4 Press the **ESC** button (13).
- ✓ The navigation session display appears again and the route is recalculated.



Defining route options

You can customise the route to suit your requirements at any time, even during an active navigation session.

The configurable parameters are:

- **DYNAMIC:** Dynamic navigation with TMC.
- **FAST:** The system calculates a time-optimised route.
- **SHORT:** The system calculates a distance-optimised route.
- **OPTIMUM:** The system calculates a route that is both time and distance optimised.
- **Plus Point:** The **OPTIMUM** route option calculates a route using a fixed relationship between time-optimised and distance-optimised route calculations. This is comparable to the route that a driver would give you who knows the area well.

Furthermore, the TravelPilot E2 allows you to configure the optimum route yourself (relationship between fast route and short route). For further information, read the section entitled 'Configuring the optimum route' in the 'Set-up -basic settings' chapter.

- **FREEWAY:** Here you can specify whether you want to drive on motorways during the navigation session.
- **TOLL Road:** You have the option of excluding roads for which toll charges are levied from your navigation sessions or you can include them.
- **FERRY:** You have the option of allowing the system to use ferries or avoid them.

Note: If, for instance, you deactivated the motorway option and a very long detour would be the result of applying this option, the TravelPilot E1/E2 will instead decide to include motorways in its route calculations. The same applies to ferries and toll roads.

To define the route options,

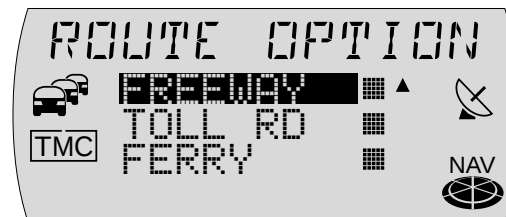
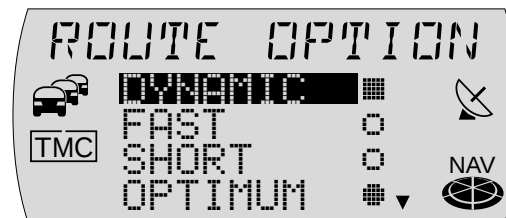
- 1 press and hold down the **NAV** button (1) for longer than 2 seconds.
- ✓ A selection menu appears in the display.
- 2 Mark and confirm the **ROUTE OPTiions** menu item.
- ✓ The menu for setting the route options appears.
- 3 Select the route option that you want to change.
- 4 Press the **OK** button (11) to change the setting.
- ✓ If the route option is activated, a filled-in circle/square appears next to it.

Notes: The **FAST**, **SHORT** and **OPTIMUM** route options are mutually exclusive. If you activate one of these options the other two will be deactivated.

If you want to close the menu,

- 1 press the **ESC** button (13) twice.
- ✓ If no navigation session is active, the audio source will be displayed again. If a navigation session is active, the navigation display appears again and the system recalculates the route.

Note: The specified route options remain active until they are changed again.



Displaying the route list

You can display the route list that was calculated by the navigation system. The route list is updated during the journey, and the route sections that you have not yet driven down are displayed.

- 1 Press and hold down the **i** button (12) for longer than 2 seconds during a navigation session.

✓ The calculated route list is displayed.

- 2 You can browse through the list by turning the menu knob (10).

If you want to close the list,

- 1 press the **ESC** button (13).

✓ The navigation session display appears again.

Traffic announcements during navigation

You can switch traffic announcement standby during navigation on or off.

- 1 Press the **TRAF** button (16).

✓ The TA function is activated or deactivated. If you activated the TA function, the  symbol appears in the display.



Radio mode

The TravelPilot E1/E2 is equipped with an RDS radio receiver. Many of the receivable FM stations transmit a signal that not only carries the programme but also additional information such as the station name. The station name appears in the display as soon as it is received.

RDS functions (AF, REG)

The convenient RDS functions AF (Alternative Frequency) and REG (Regional) enhance your TravelPilot E1/E2s range of functions.

- **AF:** If the RDS alternative frequency function is activated, the radio automatically tunes into the best receivable frequency for the station that is currently set.
- **REG:** At certain times, some radio stations divide their programme into regional programmes providing different content. You can use the REG function to prevent the device from switching to alternative frequencies that are transmitting different programme content.

Note: RDS and REG must be activated/deactivated separately in the menu.

Switching the AF RDS function on or off

- 1 Press the **MENU** button .
- ✓ The setup menu appears in the display.
- 2 Mark and confirm the **RADIO** menu item.
- ✓ A selection menu appears in the display.
- 3 Mark and confirm the **RDS** menu item.
- 4 Select **ON** or **OFF** to switch the AF function on or off.



- 5 Press the **OK** button (11) or the **ESC** button (13) to accept the setting.
- ✓ The selection menu appears again.
- 6 Press the **ESC** button (13) twice to close the selection menu.

Switching the REG RDS function on or off

- 1 Press the **MENU** button (15).
- ✓ The setup menu appears in the display.
- 2 Mark and confirm the **RADIO** menu item.
- ✓ A selection menu appears in the display.
- 3 Mark and confirm the **REGIONAL** menu item.
- 4 Select **ON** or **OFF** to switch the regional function on or off.
- 5 Press the **OK** button (11) or the **ESC** button (13) to accept the setting.
- ✓ The selection menu appears again.
- 6 Press the **ESC** button (13) twice to close the selection menu.



Switching to radio mode

To switch to radio mode,

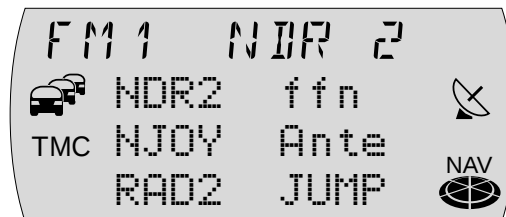
- 1 briefly press the **FM•AM** button (4).
- ✓ The radio will play the station that it received last.

Selecting the waveband / memory bank

This device can receive programmes broadcast over the FM frequency range as well as the MW and LW (AM) wavebands. There are three memory banks available for the FM range and one for each of the MW and LW ranges. Six stations can be stored in each memory bank.

To switch between the memory banks or wavebands,

- 1 press the **FM•AM** button (4) repeatedly until the waveband or memory bank that you want appears in the display.
 - 1 press the **OK** button (11).
- ✓ A list appears containing the wavebands / memory banks.
- 2 Mark the waveband or memory bank that you want and press the **OK** button (11).
- ✓ The waveband or memory bank that you selected is displayed and the radio plays the station that was tuned in last.



Tuning into a station

There are various ways of tuning into a station.

Automatic station seek tuning

1 Press the < button (7) or the > button (8).

✓ The radio tunes into the next receivable station.

Note: You can adjust the sensitivity of station seek tuning. For further information, read the section entitled “Configuring the radio functions” in the “Setup – basic settings” chapter.

Tuning into stations manually

You can also tune into stations manually.

1 Turn the menu knob (10) or

1 press and hold down the < button (7) or the > button (8) for longer than 2 seconds.

✓ The frequency is adjusted in steps.

Storing stations

Storing stations manually

- 1 Select the memory bank (i.e. FM1, FM2, FMT) that you want or one of the wavebands (MW or LW).
 - 2 Tune into the station that you want.
 - 3 Press and hold down one of the station buttons **1 - 6**  for longer than 2 seconds to assign the station to that button.
- ✓ The stored station name or frequency is then displayed alongside the corresponding preset memory button.

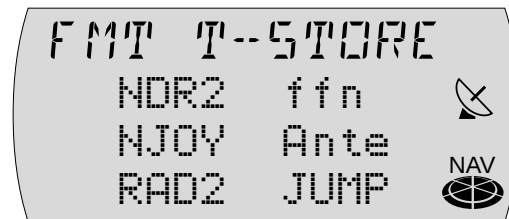
Note: The station name may be displayed in an abbreviated form depending on how long it is.

Storing stations automatically (Travelstore)

You can automatically store the six stations providing the best reception in the region (only FM). The stations are stored in the FMT memory bank.

Note: Any stations that were previously stored in this memory bank are deleted in the process.

- 1 Press and hold down the **FM•AM** button  for longer than 2 seconds.
- ✓ The storing procedure begins. T-STORE appears in the display. Each stored station is played for approx. 3 seconds. After the process has completed, the radio will play the station that is stored in memory location 1 of the FMT memory bank.



Listening to stored stations

- 1 Select the memory bank or waveband.
- 2 Press the station button **1 - 6**  that corresponds to the station that you want to listen to.

Scanning receivable stations (SCAN)

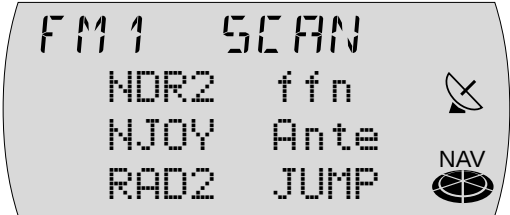
You can briefly play (scan) all the receivable stations. The scanning time is 10 seconds.

Starting SCAN

- 1 Press and hold down the **OK** button (11) for longer than 2 seconds.
- ✓ Scanning begins. **SCAN** appears briefly in the display followed by the current station name or frequency.

Stopping SCAN and continuing listening to a station

- 1 Press the **ESC** button (13).
- ✓ Scanning is stopped and the station that was tuned into last will remain active.



Traffic information

Your device is equipped with an RDS-EON receiver. EON stands for **E**nhanced **O**ther **N**etwork.

Whenever a traffic announcement (TA) is transmitted, the system switches automatically from a station that does not provide traffic reports to the appropriate traffic information station within the broadcasting network that does.

Once the traffic report has been played, the system will switch back to the programme that you were listening to before.

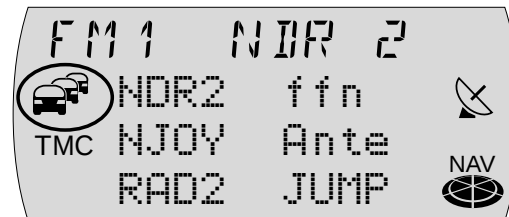
Note: You can set the volume level at which traffic announcements are played. To do so, read the section entitled “Configuring the power-on / navigation / traffic announcement / telephone volume and GALA settings” in the “Setup – basic settings” chapter.

Switching traffic information priority on or off

1 Press the **TRAF** button .

- ✓ Priority for traffic announcements is active when the  symbol lights up in the display.

Note: The  symbol flashes and seek tuning starts automatically if you leave the reception area of the traffic information station or if you switch from a station that provides traffic information to one that does not.



Interrupting the current traffic announcement

You can cancel the current traffic announcement if you do not want to listen to it.

1 Press the **TRAF** button  whilst the traffic announcement is being played.

- ✓ The current announcement is interrupted. However, the priority setting for traffic announcements remains activated.

CD mode

You can play standard audio CDs with a diameter of 12 cm in the TravelPilot E1/ E2s internal CD drive.

CD-Rs (CDs that you have burned yourself) can generally also be played. Due to the varying quality of CDs, Blaupunkt cannot guarantee that this will work properly.

To ensure the system functions properly, only use CDs labelled with the compact disc logo. Problems might be experienced when trying to play copy-protected CDs. Blaupunkt cannot guarantee the proper functioning of copy-protected CDs!

⚠ Risk of severe damage to the CD drive! CD singles with a diameter of 8 cm and contoured CDs (shape CDs) are not suitable for playback in this unit. We accept no responsibility for any damage to the CD drive that may occur as a result of the use of unsuitable CDs.

⚠ The internal CD drive is a class 1 laser product with a visible/ invisible laser beam whose radiation can be dangerous for humans. The CD drive must only be used in accordance with the specified instructions. Never open the housing and never try carrying out any repairs yourself. Only allow maintenance to be carried out by trained personnel.

During CD playback, 'CD' appears in the top line of the display with the current track and the playing time beneath it.

Playing a CD

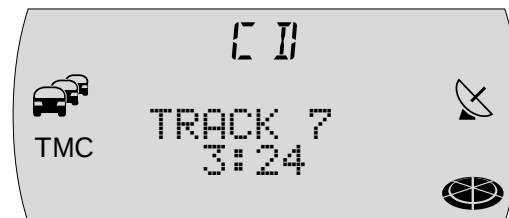
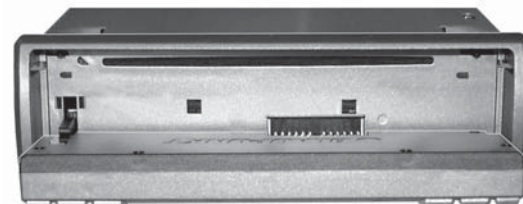
CD playback begins automatically as soon as you insert an audio CD.



Inserting a CD

- 1 Press the  button (9) to open the release panel.
 - 2 Any CD that might already be in the device is ejected automatically.
 - 3 Carefully insert the CD with the printed side uppermost into the device's CD compartment. Push the CD until you feel some resistance. From this point onwards, the drive will draw in the CD automatically.
- ✓ CD playback begins automatically after the drive has checked the CD. The main CD menu appears.

Note: The device remembers the track and playing time of the audio CD or MP3 CD that you listened to last. If you insert the CD again, playback will resume from the point at which it was interrupted. This feature is particularly useful if you need to insert the navigation CD briefly during audio playback.



Starting internal CD playback (if no CD changer is connected)

If an audio CD is inserted and no CD changer is connected,

- 1 press the **CD•C** button (5).
- ✓ The device switches to the main CD menu and CD playback resumes. You will hear a warning beep if no audio CD is inserted.

Starting internal CD playback (if a CD changer is connected)

If a CD is inserted in the internal CD drive and a CD changer is connected, the device switches to CD mode after you press the **CD•C** button (5). The CD source (CD or CD changer) that was active last starts playing.

The main CD-changer menu will be displayed if the last CD that you listened to was played in CD-changer mode.

If you want to activate the internal CD drive,

1 press the **CD•C** button (5) again.

✓ The CD starts playing.

Selecting tracks

You can select tracks directly whilst a CD is playing. To select the next track,

1 press the **>** button (8).

✓ If the last track on the CD has been reached and you press the **>** button (8), the system will then switch to the first track.

To repeat the current track or select the previous track,

1 press the **<** button (7).

✓ If the first track of the CD is being played and you press the **<** button (7), the system will then start playing the last track.

Fast searching

If you are listening to a track and you want to play a certain part of it, you can do so using fast-search mode.

1 During playback, press and hold down the **<** button (7) or the **>** button (8).

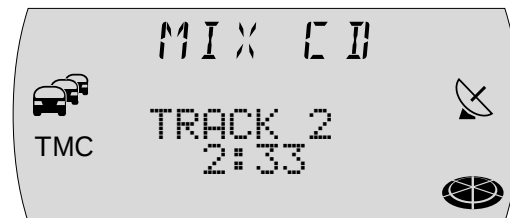
✓ You will hear the track playing whilst it is being fast forwarded or fast re-wound.

Random play (MIX)

You can play the tracks on a CD in random order.

1 Press the **2 MIX** station button (14).

✓ The tracks on the CD are selected at random and then played.



To cancel the MIX function,

- 1 press the **2 MIX** station button (14) again. The MIX function is automatically cancelled if you activate the SCAN function.

Scanning all the tracks on a CD (SCAN)

If you briefly want to play (scan) all the tracks on a CD, proceed as follows:

- 1 Press and hold down the **OK** button (11) for longer than 2 seconds.
- ✓ All the tracks on the CD are scanned in ascending order. The scanning time is 10 seconds.

To cancel the SCAN function,

- 1 press the **ESC** button (13). The SCAN function is automatically cancelled if you activate the MIX function.

Repeating tracks (REPEAT)

To repeat a track, activate the repeat function.

- 1 Select the track that you want,
- 2 press the **5 RPT** station button (14).
- ✓ The track is repeated until you cancel the repeat function.

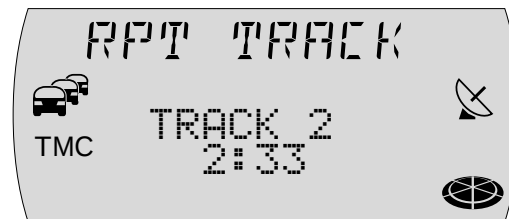
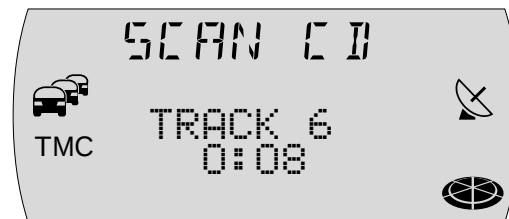
If you want to cancel the repeat function,

- 1 press the **5 RPT** station button (14) again.

Traffic announcements during CD mode

To switch traffic announcement standby on/off (see the section entitled "Traffic information" in the Radio mode"chapter) whilst in CD mode,

- 1 press the **TRAF** button (16).
- ✓ The  symbol is shown in the display when traffic announcement standby is activated.



MP3 mode (only TravelPilot E2)

You can also use the TravelPilot E2 to play CD-Rs and CD-RWs that contain MP3 music files.

MP3 is a process developed by the Fraunhofer Institute for compressing CD audio data. Compression allows data to be reduced to around 10% of their original size without a noticeable loss in quality (at a bit rate of 128 kbit/s). If a lower bit rate is used to convert CD audio data to MP3, you will be able to create smaller files but this will be accompanied by a loss in audio quality.

Preparing an MP3-CD

The various combinations of CD burners, CD burning software and CD blanks may lead to problems arising with the device's ability to play certain CDs. If problems occur with your own burned CDs, you should try another brand of CD blank or choose another colour of CD blank. To avoid problems when playing CDs, you should not burn CDs at speeds greater than 16-speed.

The format of the CD must be ISO 9660 Level 1 / Level 2 or Joliet. Other formats cannot be played reliably.

You can create a maximum of 255 directories on a CD. You can use this device to access each of these directories.

You can manage a maximum of 255 tracks in each directory.

Each directory can be named using a PC. The device can display the directory name if there are no ID tags available. You should name the directories and tracks/files using the method provided by your CD burner software. The software's instruction manual will provide details on how to do this.

Note: When naming directories and tracks/files you should avoid using accents and special characters since they might not be displayed correctly. You can use a maximum of 32 characters (including the “.MP3” file extension) for track names and directory names. Names that are longer than 32 characters cannot be displayed correctly.

MP3 tracks can contain additional information such as the artist, album and track names (ID3 tags). This device can display ID3 tags of version type 1 and 2. When creating (encoding) MP3 files from audio files, you should use bit rates up to a maximum of 256 kbits/sec.

This device can only play MP3 files that have the “.MP3” file extension.

Notes: To ensure uninterrupted playback,

- Do not try changing the file extension to “.MP3” of any files other than MP3 files and then attempt to play them! The device will ignore these invalid files during playback.
- Do not use “mixed” CDs containing both non-MP3 data and MP3 tracks (the device only reads MP3 files during MP3 playback).
- Do not use mix-mode CDs containing both CD-audio tracks and MP3 tracks. If you try playing a mix-mode CD, the device will only play the CD-audio tracks.

Switching to MP3 mode

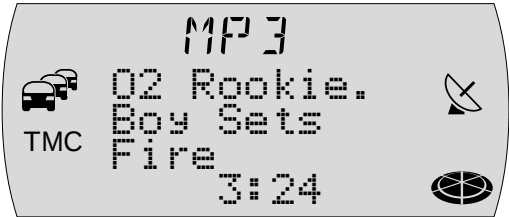
MP3 mode is activated in the same way as normal CD mode. For further information, please read the section entitled "Playing a CD" in the "CD mode" chapter.

Once the device has checked the CD, it begins playing the first track in the first directory that it finds.

You will see the name of the track appear as scrolling text on the first line of the display (you can also deactivate scrolling text. To do so, read the "Selecting MP3 info" section at the end of the chapter).

The name of the artist is displayed on the second and third lines with a line break. This information can only be displayed if ID tags are available for the tracks (for further information on this please also read the instruction manual that came with your burner software). If no ID tags have been stored together with the tracks, the system will display the file name on the first line and the directory name on the second and third lines.

The track's playing time is always displayed on the fourth line.



Selecting a directory

Selecting a directory using the buttons

To move up to another directory,

- 1 press station button 4 (14) once or several times.

To move down to another directory,

- 1 press station button 1 (14) once or several times.

Selecting a directory in browse mode

You can display the current directory and the three subsequent directories on the four lines of the display. The directories are displayed with the names that you created when burning the CD. In the directory display, you can use the menu knob (10) to display and select any of the available directories.

- 1 Briefly press the **OK** button (11) during MP3 playback.
- ✓ The MP3 browse mode is displayed. If you do not press a button within 30 seconds, the default display will reappear.

During browse mode, the current track and the three subsequent tracks of the current directory are displayed with the names that you chose when burning the CD. If the current directory contains other directories, their names will be displayed at the beginning of the list before the tracks that are stored in the current directory.

If the line does not provide enough characters to display the full name, the name will be shortened. You can display the full name by briefly pressing the **i** button (12). The system switches to another display and all the buttons retain the same functions as described here.

- 2 To display the next higher directory level, mark and confirm the **⏮** entry in the display or briefly press the **<** button (7). To switch directly to the highest level in the directory tree, press and hold down the **<** button (7) for longer than 2 seconds.
- ✓ The next highest level in the directory tree is displayed. Now you can select the directory whose tracks you want to listen to or repeat step 2 as often as necessary until you reach the directory level where the directory that you want is located.
- 3 Mark and confirm the directory that you want using the menu knob (10) and the **OK** button (11) or the **>** button (8).
- ✓ The selected directory opens and the first track is marked. The tracks contained in the directory are now displayed in browse mode.



Selecting tracks

Selecting tracks/files using the arrow buttons

To move up to another track/file in the current directory,

- 1 press the **>** button (8) once or several times.

To move down to another track/file in the current directory,

- 1 press the **<** button (7) once or several times.

- ✓ If you press the **<** button (7) once, the current track will be played again from the beginning.

Selecting tracks in browse mode

Browse mode lets you conveniently view the tracks contained in a directory and then select a particular track.

- 1 Briefly press the **OK** button (11) during MP3 playback.
- ✓ The MP3 browse mode is displayed. During browse mode, the current track and the three subsequent tracks of the current directory are displayed with the name that you chose when burning the CD. If the line does not provide enough characters to display the full name, the name will be shortened.
- 2 Turn the menu knob (10) to display all the tracks contained in the directory one after another.
- 3 If you want to select the currently displayed track, press the **OK** button (11).



Fast seeking

To start fast forward seeking,

- 1 press and hold down the **>** button (8) until fast seeking begins.

To start fast reverse seeking,

- 1 press and hold down the **<** button (7) until fast seeking begins.

Random play (MIX)

You can play all the tracks contained in a directory and all the tracks on a CD in random order.

- 1 Press the **2 MIX** station button (14).

- ✓ **MIX DIR** appears in the display. The tracks in the directory are selected at random and then played.

To play all the tracks on the CD in random order,

- 1 Press the **2 MIX** station button (14) repeatedly until **MIX ALL** appears in the display.

- ✓ The tracks on the CD are selected at random and then played.

To cancel the MIX function,

- 1 press the **2 MIX** station button (14) repeatedly until **MP3** appears again on the top line of the display. The MIX function is cancelled automatically if you activate the SCAN function.

Scanning all the tracks in a directory (SCAN)

If you briefly want to play (scan) all the tracks in the current directory, proceed as follows:

- 1 Press and hold down the **OK** button (11) for longer than 2 seconds.
- ✓ All the tracks in the directory are scanned in ascending order. The scanning time is 10 seconds.

To cancel the SCAN function,

- 1 press the **ESC** button (13). The SCAN function is cancelled automatically if you activate the MIX function.

Repeating tracks (REPEAT)

You can make the system repeat playback of the current track or all the tracks in a directory.

- 1 Press the **5 RPT** station button (14).
- ✓ **RPT TRACK** appears in the display.

To repeat all the tracks in the directory,

- 1 press the **5 RPT** station button (14) repeatedly until **RPT DIR** appears in the display.
- ✓ The tracks in the directory are played repeatedly.

To cancel the repeat function,

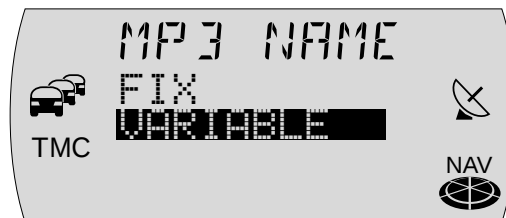
- 1 press the **5 RPT** station button (14) repeatedly until **MP3** appears again on the top line of the display.

Selecting MP3 info

Whilst MP3 mode is activated, the track name appears as scrolling text on the first line of the display and the name of the artist appears on the second and third lines (only if the ID tags are available in the MP3 files). If there are no ID tags available, the file name is displayed as scrolling text on the first line.

You can also prevent scrolling texts from being displayed on the first line (FIX setting).

- 1 Press the **MENU** button (15).
- ✓ The setup menu appears in the display.
- 2 Mark and confirm the **MP3** menu item.
- 3 Mark and confirm the **FIX** or **VARIABLE** menu item.
- 4 When you have finished making your changes, press the **OK** button (11) or the **ESC** button (13).
- 5 Press the **ESC** button (13) to close the settings menu again.



CD-changer mode

You can use the following Blaupunkt CD changers with the TravelPilot E1/E2:

- CDC - A03
- CDC - A08
- IDC - A09

Please refer to the installation and connection instructions supplied with your CD changer for information on how to install the CD changer in your vehicle and connect it to the TravelPilot E1/E2.

As an alternative to a CD-changer, you can connect the Compact Drive MP3 (it might be necessary to update the software of the Compact Drive. See www.blaupunkt.de). You can operate the Compact Drive MP3 in the same way as a CD changer. Most of the CD-changer functions can also be used with the Compact Drive MP3 (an exception is the mix feature, whose functionality is limited). To move downwards or upwards to another directory, press station button **1** ⁽¹⁴⁾ or station button **4** ⁽¹⁴⁾.

Inserting CDs in the CD-changer

Please refer to the instructions supplied with the CD changer for information on how to fill the magazine with CDs and insert the magazine into the changer.

Switching to CD-changer mode

To switch to CD changer mode,

- 1** press the **CD•C** button ⁽⁵⁾.
- ✓ If the CD source that you listened to last was the internal drive and the audio CD is still inside the drive, the device will play this CD first. If this is not the case, the last heard CD in the CD changer or the first available CD in the changer will be played.

If the audio CD in the internal CD player is active, then

2 press the **CD•C** button (5) again.

- ✓ The CD changer display appears. CDC appears in the top line of the display. Beneath it you will see the number of the CD in the CD changer, the track currently being played and the playing time.

Note: When you insert the magazine, all the CDs in the changer are first loaded once (magazine scan). You cannot play any CD in the changer during this time. The device is ready to play as soon as the CD symbol on the left of the display stops flashing.



Selecting CDs

To select a CD,

1 press the **OK** button (11).

- ✓ The list for selecting a CD appears.

Notes: If not all the slots in the CD magazine are loaded with CDs, the system will only display the CDs that can be selected and played. The system will not display CDs that are in the magazine but which cannot be played (e.g. CD-ROMs, data CDs).

2 Mark and confirm the CD that you want to listen to.

- ✓ The system loads and plays the CD that you selected.



Selecting tracks

To select the next track,

- 1 press the > button (8).
- ✓ If the last track on the CD has been reached and you press the > button (8), the system will then switch to the first track.

To replay the current track or select a previous track,

- 1 press the < button (7).
- ✓ If the first track on the CD is selected and you press the < button (7), the system will then start playing the last track.

Fast searching

If you are listening to a track and you want to play a certain part of it, you can do so using fast-search mode.

- 1 Press and hold down the < button (7) or the > button (8).
- ✓ You will hear the track playing whilst it is being fast forwarded or fast re-wound.

Random play (MIX)

You can play the tracks on a CD or all the CDs in the changer in random order.

Randomly playing all the tracks on a CD

To only play the tracks on one CD at random,

- 1 press the 2 MIX station button (14) repeatedly until MIX CD appears in the top line of the display.
- ✓ The tracks on the current CD are selected at random until you cancel the MIX function.



Randomly playing all the tracks on all the CDs

To play the tracks on all the CDs at random,

- 1 press the **2 MIX** station button (14) repeatedly until MIX MAGAZINE appears in the top line of the display.
- ✓ The tracks on all the CDs in the changer are chosen at random until you cancel the MIX function.



Cancelling random playback

To cancel the MIX function,

- 1 press the **2 MIX** station button (14) repeatedly until CDC appears in the top line of the display.
- ✓ The system then continues playback in ascending track order.

Scanning all tracks on all CDs (SCAN)

If you briefly want to play (scan) all the tracks on all the inserted CDs,

- 1 press and hold down the **OK** button (11) for longer than 2 seconds.
- ✓ All the tracks are scanned starting from the current track. The scanning time is 10 seconds.

To cancel the SCAN function,

- 1 press the **ESC** button (13).
- ✓ The currently scanned track will then continue to be played normally.



Repeating tracks (REPEAT)

To repeat a track, activate the repeat function.

- 1 Select the track that you want,
 - 2 press the **5 RPT** station button (14).
- ✓ The track is repeated until you cancel the repeat function.

If you want to cancel the repeat function,

- 1 press the **5 RPT** station button (14) again.



Traffic announcements during CD-changer mode

To switch traffic announcement standby on/off (see the section entitled “Traffic information” in the “Radio mode” chapter) whilst in CD-changer mode,

- 1 press the **TRAF** button (16).
- ✓ The  symbol lights up in the display when traffic announcement standby is activated.



Steering wheel remote control

The RC 10 steering wheel remote control allows you to safely and conveniently operate some of the TravelPilot E1/E2's primary functions from your steering wheel. The **↶** / **↷** buttons have the same function as the menu knob **(10)**. The **<** / **>** buttons and the **OK** button have the same function as the equivalent buttons on the TravelPilot E1/E2.

Selecting an audio source

You can use the remote control to switch between the audio sources.

- 1 Briefly press the **SRC** button on the remote control.
- ✓ The next audio source that is ready to play will be selected.

Adjusting the volume

To adjust the volume using the remote control,

- 1 press the **V+** or **V-** button.
- ✓ The volume is increased or decreased.

Activating navigation

To access the navigation system using the remote control,

- 1 press and hold down the **SRC** button on the remote control until the device switches to navigation mode.



Muting

You can mute the device's volume using the remote control.

- 1 Press the  button.

Cancelling mute

If you want to cancel mute,

- 1 press the  button again or
- 1 press the **V+** or **V-** button.

Setup – basic settings

The setup menu allows you to adjust the TravelPilot E1/E2s basic functions to suit your needs.

You can change the following device functions:

- **SOUND** - Adjust the sound distribution and equalizer
- **VOLUME** - Set the default volume levels
- **RADIO** - Configure the settings for the main radio functions
- **MP3** - Activate / deactivate MP3 scrolling texts (only TravelPilot E2)
- **NAVI** - Configure speech output, optimum route and language & speech options (optimum route and language & speech options only for TravelPilot E2).
- **DISPLAY** - Change the display properties
- **LANGUAGE** - Set the system language
- **CLOCK** - Adjust the device's clock time
- **CODE** - Activate / deactivate the code feature

Adjusting the sound and sound distribution settings

The TravelPilot E1/E2 allows you to adjust the bass and treble for each audio source separately.

Changes to the balance and fader sound distribution settings and loudness settings (aurally compensated volume) affect all the audio sources.

Note: You cannot open the SOUND menu item during a traffic announcement or telephone call.

To adjust the sound settings,

- 1 press the **FM•AM** button (4) or the **CD•C** button (5) to switch to the audio source (radio, CD or CD changer) whose settings you want to adjust.



- 2 Press the **MENU** button (15).
- ✓ The setup menu appears in the display.
- 3 Mark and confirm the **SOUND** menu item.
- ✓ The sound menu appears in the display.
- 4 Mark and confirm the menu item (**BASS**, **TREBLE**, **LOUDNESS**, **BALANCE** or **FADER**) whose setting you want to adjust.
- ✓ The scale for adjusting the setting is displayed.
- 5 Adjust the sound value that you want using the menu knob (10).
- 6 Press the **OK** button (11) or the **ESC** button (13) to accept the setting.
- ✓ The sound menu appears in the display again.
- 7 Press the **ESC** button (13) twice to close the sound menu.

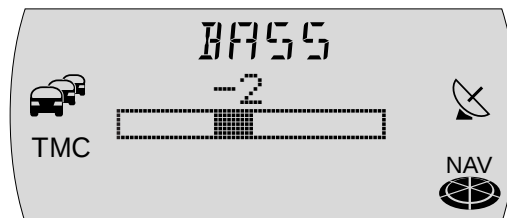
Equalizer

This device is equipped with a 5-band equalizer. You can individually boost or reduce (gain setting +10 to -10) **one** frequency for each of the five filters (bands).

The following filters are available:

- SUB LOW 32 - 50 Hz
- LOW 63 - 250 Hz
- MID 315 - 1250 Hz
- MID HIGH 1600 - 6300 Hz
- HIGH 8000 - 12500 Hz

You can adjust these filters without the need for measuring equipment. They will allow you to significantly influence the sound characteristics in your vehicle.



Notes on adjusting the settings

We recommend you use a CD that you are familiar with for making changes to the settings.

Before adjusting the equalizer, set the sound settings and sound distribution settings to zero. For further details, refer to the section entitled "Adjusting the sound and sound distribution".

- 1 Listen to the CD.
- 2 Now refer to the "Sound impression / problem" column in the table entitled "Help adjusting the equalizer".
- 3 Adjust the equalizer values as described in the "Measures" column.

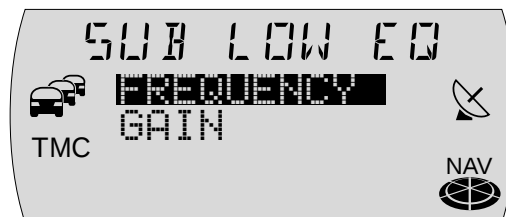
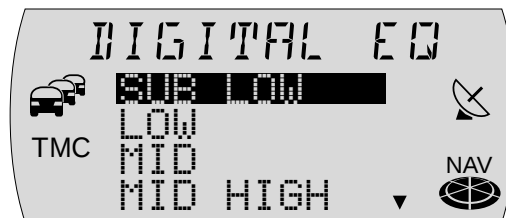
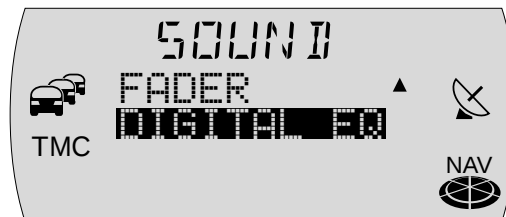
Help adjusting the equalizer

Start by adjusting the treble and mid levels and finish by setting the bass levels.

Sound Impression / problem	Measures
Bass sound is too weak	Boost the bass with Frequency: 50 to 100 Hz Gain: +4 to +6
Dirty bass Booming sound Unpleasant pressure	Reduce the lower mid level with Frequency: 125 to 400 Hz Gain: approx. -4
Sound very much in the foreground, aggressive, no stereo effect	Reduce the mid level with Frequency: 1000 to 2500 Hz Gain: -4 to -6
Dull sound Little clarity No brilliance to the instruments	Boost the treble level with Frequency: 8000 to 12500 Hz Gain: +4 to +6

Adjusting the equalizer

- 1 Press the **MENU** button (15).
 - ✓ The setup menu appears in the display.
- 2 Mark and confirm the **SOUND** menu item.
 - ✓ The sound menu appears in the display.
- 3 Mark and confirm the **DIGITAL EQ** menu item.
 - ✓ The equalizer menu appears in the display.
- 4 Mark and confirm the frequency band (**SUB LOW**, **LOW**, **MID**, **MID HIGH** or **HIGH**) that you want to adjust.
- 5 Mark and confirm the **FREQUENCY** menu item.
 - ✓ The scale for adjusting the setting is displayed.
- 6 Use the menu knob (10) to adjust the frequency that you want and then press the **OK** button (11).
- 7 Mark and confirm the **GAIN** menu item.
 - ✓ The scale for adjusting the setting is displayed.
- 8 Use the menu knob (10) to adjust the gain and then press the **OK** button (11).
- 9 To select the next frequency band, first press the **ESC** button (13) and then repeat steps 4 - 9.
- 10 Once you have finished adjusting the settings, press the **FM•AM** (4) button or the **CD•C** button (5) to return to the audio source (radio, CD or CD-changer).



Configuring the power-on / navigation / traffic announcement / telephone volume and GALA settings

You can adjust the device's power-on volume (ON MAX), the amount by which the audio volume level is decreased during a navigation announcement (NAV DIFF), the minimum volume level for traffic announcements (TA MIN), the minimum volume level for telephone calls (TEL MIN) and the setting for the speed-dependent automatic volume adjustment feature (GALA).

Note: You can directly adjust the volume of navigation voice announcements whilst the announcement is being made. The level that you set is stored automatically.

The power-on volume is a limiting value. This means that if the volume when you switch off the device is lower than the configured power-on volume, the system will remember the last set volume level. If the volume when you switch off the device is higher than the power-on volume (ON MAX), the system will reduce the volume to the configured power-on volume level the next time you turn on the device.

Note: If the power-on volume is set to the maximum level, the volume can be very loud when the device is switched on. This can cause hearing damage.

To adjust the volume settings,

- 1 press the **MENU** button (15).
- ✓ The setup menu appears in the display.

Note: You cannot open the VOLUME menu item during a traffic announcement or telephone call.

- 2 Mark and confirm the VOLUME menu item.



- ✓ The volume menu appears in the display.
- 3 Mark and confirm the menu item whose setting you want to change.
- ✓ The scale for adjusting the setting is displayed.
- 4 Set the volume level that you want using the menu knob (10).
- ✓ To help you configure the setting more easily, the system will increase/decrease the volume as you make your changes.
- 5 Press the **OK** button (11) or the **ESC** button (13) to accept the setting.
- ✓ The volume menu appears in the display again.
- 6 Press the **ESC** button (13) twice to close the volume menu.

Configuring the radio functions

In the radio menu you can configure the radio functions to suit your needs.

You can configure the following functions:

- **RDS** - The TravelPilot E1/E2 automatically switches to the frequency offering the best reception for the station that is currently tuned. The station name is also displayed. Settings options:
 - ON - The RDS function is activated.
 - OFF - The RDS function is deactivated.
- **RDS NAME** - Some radio stations use the RDS signal to transmit advertising or other information instead of their station name. Settings options:
 - FIX - The item of information that is received first is displayed.
 - VARIABLE - All the received items of information are displayed.



- **REGIONAL** - At certain times, some radio stations divide their programme into regional programmes providing different regional content. You can use the REG function to prevent the device from switching to alternative frequencies that are transmitting different programme content. Settings options:
 - ON - The regional function is activated.
 - OFF - The regional function is deactivated.
- **HICUT** - The HICUT function improves reception during poor radio reception (only FM). If interference occurs, the system automatically reduces the treble thus reducing the interference level. The responsiveness of the HICUT function is adjusted using a displayed setting scale. Settings options:
 - Bar on the very left of the scale - The HICUT function is deactivated.
 - Bar on the very right of the scale - the responsiveness is high.
- **TMC AUTO** - Activates TMC seek tuning if you start dynamic navigation and the device is not already tuned into a TMC station. Settings options:
 - ON - Automatic TMC seek tuning is activated.
 - OFF - Automatic TMC seek tuning is deactivated.
- **SEEK** - For setting the seek tuning sensitivity. Settings options:
 - SENS - Seek tuning also stops at stations providing weaker reception.
 - BEST - Seek tuning only stops at stations providing good reception.

To adjust the radio settings,

- 1 press the **MENU** button .
- ✓ The setup menu appears in the display.
- 2 Mark and confirm the **RADIO** menu item.
- ✓ The radio menu appears in the display.



- 3 Mark and confirm the menu item that you want to adjust.
- ✓ The selection menu or the scale for adjusting the setting is displayed.
- 4 Select the setting using the menu knob (10).
- 5 Press the **OK** button (11) or the **ESC** button (13) to accept the setting.
- ✓ The radio menu appears in the display again.
- 6 Press the **ESC** button (13) twice to close the radio menu.

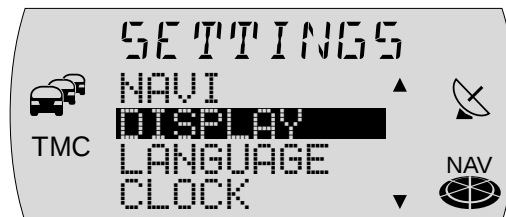
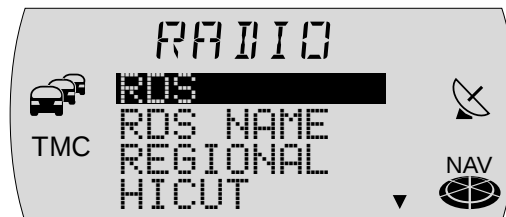
Setting the day/night display brightness and contrast

You can adjust the display brightness separately for day (when vehicle lights are off) and night (when vehicle lights are on) to suit your preferences. Furthermore, you can change the contrast of the display.

To adjust the display settings,

- 1 press the **MENU** button (15).
- ✓ The setup menu appears in the display.
- 2 Mark and confirm the **DISPLAY** menu item.
- ✓ The display menu appears in the display.
- 3 Mark and confirm the menu item that you want to adjust.
- ✓ The scale for adjusting the setting is displayed.

Note: When setting the display brightness (**DIMMING**), the system differentiates between whether daytime mode (lights off) or night-time mode (lights on) is active. The setting changes that you make only affect the currently active mode.



- 4 Adjust the value that you want using the menu knob (10).
- 5 Press the **OK** button (11) or the **ESC** button (13) to accept the setting.
- ✓ The display menu appears in the display again.
- 6 Press the **ESC** button (13) twice to close the display menu.

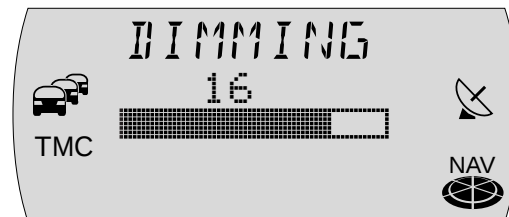
Configuring the language and speech options

Note: The navigation CD-ROM must already be inserted in the device before you can change the language and speech options.

You can configure the following settings:

- **LANGUAGE** - You can choose between the following languages for the display content and the navigation speech output:
German, English (metric), English (imperial), French, Italian, Dutch, Spanish, Portuguese, Swedish, Danish, Finnish, Czech, Norwegian and Turkish.
- **NAVI** (TravelPilot E1) or **SPEECH OUTput** (TravelPilot E2) - Switches speech output for navigation on/off.
- **SPEECH OPTion** (only TravelPilot E2) - You can choose whether you want the speech output to provide detailed information on the roads that you are travelling along (only A-roads and motorways) or whether traffic information should be provided in detail with road names in the event of a traffic jam (**TRAF. INFO** setting).

Note: Navigation speech output depends on the navigation CD being used. The display content will be displayed in the selected language but the speech output might be in English.



Setting the language

To set the language,

- 1 press the **MENU** button (15).
- ✓ The setup menu appears in the display.
- 2 Mark and confirm the LANGUAGE menu item.
- ✓ The available languages are displayed alphabetically.
- 3 Mark and confirm the language that you want.
- ✓ The language that you selected is loaded and then the menu is displayed in that language.
- 4 Press the **ESC** button (13) to close the setup menu.



Configuring speech output

To switch speech output on/off,

- 1 press the **MENU** button (15).
- ✓ The setup menu is displayed.
- 2 Mark and confirm the NAVI menu item.
- TravelPilot E1**
- ✓ The menu for selecting the setting is displayed.
- 3 Select ON or OFF using the menu knob (10).
- 4 Press the **OK** button (11) or the **ESC** button (13) to accept the setting.
- ✓ The setup menu is displayed again.
- 5 Press the **ESC** button (13) to close the setup menu.



TravelPilot E2

- ✓ The navi setup menu is displayed.
- 3 Mark and confirm the SPEECH OUTput menu item.
- ✓ The menu for selecting the setting is displayed.

- 4 Select **ON** or **OFF** using the menu knob (10).
- 5 Press the **OK** button (11) or the **ESC** button (13) to accept the setting.
- ✓ The navi setup menu is displayed again.
- 6 Press the **ESC** button (13) twice to close the navi setup menu.

Configuring the speech options (only TravelPilot E2)

To switch between the speech output of road numbers (A-roads and motorways) during route guidance and the detailed speech output of traffic jam announcements during route guidance,

- 1 press the **MENU** button (15).
- ✓ The setup menu appears in the display.
- 2 Mark and confirm the **NAVI** menu item.
- ✓ The navi setup menu is displayed.
- 3 Mark and confirm the **SPEECH OPTION** menu item.
- ✓ The menu for selecting the setting is displayed.
- 4 Use the menu knob (10) to select **ROAD NUM.** for the voice output of road numbers or **TRAF. INFO** for the speech output of traffic announcements.
- 5 Press the **OK** button (11) or the **ESC** button (13) to accept the setting.
- ✓ The navi setup menu is displayed again.
- 6 Press the **ESC** button (13) twice to close the navi setup menu.

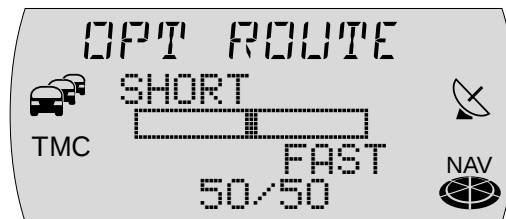


Configuring the optimum route (only TravelPilot E2)

The TravelPilot E2 allows you to configure the optimum route yourself. To do so, you must adjust the relationship between "fast route" and "short route". The factory default setting is 40 to 60.

To set the optimum route,

- 1 press the **MENU** button (15).
- ✓ The setup menu appears in the display.
- 2 Mark and confirm the **NAVI** menu item.
- ✓ The navi setup menu is displayed.
- 3 Mark and confirm the **OPTimum ROUTE** menu item.
- ✓ The menu for selecting the setting is displayed.
- 4 Use the menu knob (10) to adjust the percentage ratio of **SHORT** to **FAST**. The further you move the selection bar to the left, the shorter the route will be that the system selects.
- 5 Press the **OK** button (11) or the **ESC** button (13) to accept the setting.
- ✓ The navi setup menu is displayed again.
- 6 Press the **ESC** button (13) twice to close the navi setup menu.



Adjusting the clock

The system normally sets the clock using the GPS signal. You will only have to set the current local time to the nearest five minutes once.

Note: You can also set the local time here when switching from summer to winter time and back.

- 1 Press the **MENU** button (15).
- ✓ The setup menu appears in the display.
- 2 Mark and confirm the **CLOCK** menu item.
- ✓ The hours are displayed against a dark background.
- 3 Adjust the hours using the menu knob (10).
- 4 Press the **>** button (8).
- ✓ The minutes are displayed against a dark background.
- 5 Adjust the minutes using the menu knob (10).
- 6 When you have finished making your changes, press the **OK** button (11) or the **ESC** button (13).



Device code

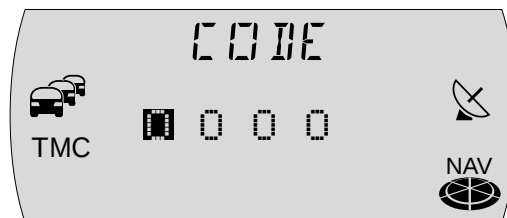
If you switch on a code-enabled device after it was disconnected from the vehicle's power supply, you will have to enter the device code. You can also disable this code request feature.

Activating / deactivating the code request feature

- 1 Press the **MENU** button (15).
- ✓ The setup menu appears in the display.
- 2 Mark and confirm the **CODE** menu item.
- 3 Mark and confirm the **ON** or **OFF** menu item.
- ✓ The menu for entering the numerical code appears.
- 4 Enter the code as described in the section entitled 'Switching on a coded device after disconnection from the battery power supply.'

Once you have finished entering the whole numerical code and it is shown in the display,

- 5 press and hold down the **OK** button (11) for longer than 2 seconds.
- ✓ A message appears informing you that the code request feature has been activated or deactivated.



Installation

The installation menu contains all the necessary items for testing the TravelPilot E1/E2 and preparing it for operation.

Installation test

The installation test allows you to check whether the system is correctly receiving signals from the sensors.

Note: The test must be carried out with the ignition switched off.

- 1 Switch off the ignition and turn on the device using button ③.

Note: If necessary, enter the numerical code.

- 2 Press and hold down the **MENU** button ⑮ for longer than 2 seconds.

- ✓ The installation menu appears in the display.
- 3 Mark and confirm the **INSTallation TEST** menu item.
- ✓ The installation test menu appears in the display.

Note: The installation test does not need to be carried out in order to calibrate the device. You can start automatic or manual calibration right away. The purpose of the test is only to check the connections.

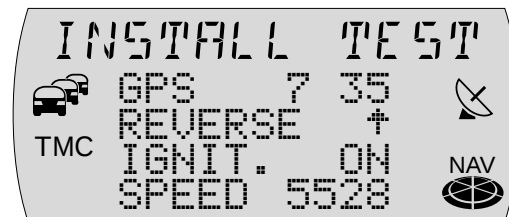
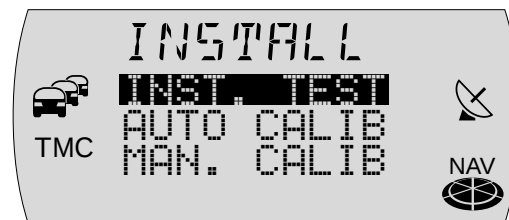
You can test the following device functions and connections:

- **GPS** - Check the GPS antenna

If the system detects that the GPS antenna is connected, **OK** appears in the display. If the system receives a signal from one or more satellites, the number of received satellites and signal strength will appear. Align your antenna so that both values are at a maximum.

- **REVERSE** - Reversing light connection

When you engage the reverse gear, the arrow display changes from $\uparrow$ to $\downarrow$.



- **IGNITION** - Positive ignition connection
Switch on the ignition. ON appears alongside IGNITION.
 - **SPEED** - Speedometer connection
Move the vehicle a short distance. If the system detects the presence of the speedometer signal it starts counting the pulses.
- 4 Press the **ESC** button (13) to return to the installation menu.

You can start calibrating the device after the test. There are 2 options available to you for this.

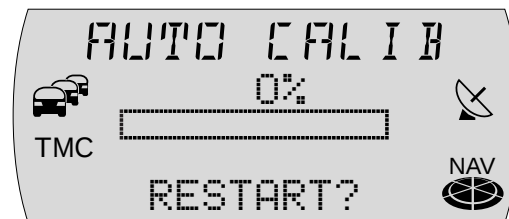
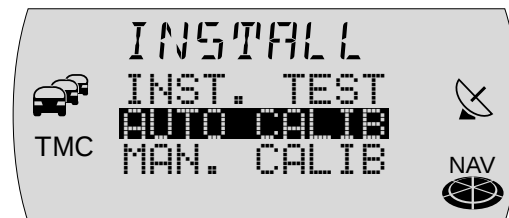
Automatic device calibration

The TravelPilot E1/E2 must be calibrated after it is installed.

Note: The navigation CD-ROM must already be inserted in the drive before you can do this.

- 1 Mark and confirm the **AUTOMATIC CALIBRATION** menu item.
- ✓ The system displays a message asking you to drive 3 to 10 miles (5 to 15 km) with GPS reception. Wait approx. 15 seconds or press the **OK** button (11). An indicator bar will appear together with a figure in percent informing you of the progress of the calibration process.
- 2 Now start driving.
- ✓ The menu closes automatically when the calibration process has completed (the indicator bar fills completely and the system displays 100%).

Note: You must drive along major national roads (A-roads) or main secondary roads (country roads) during calibration. The length of the route that is specified by the system is only an average value. It can also be shorter or considerably longer if conditions are poor. The final fine calibration is completed after approximately 31 miles (50 km).



Manual device calibration

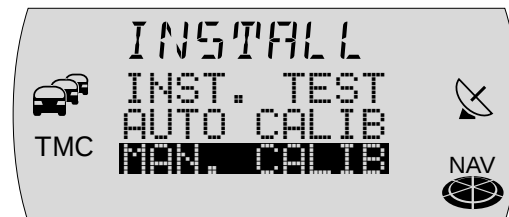
You can also manually calibrate the device. You will be required to drive a route of at least 110 yards (100 metres) to 550 yards (500 metres) at a maximum speed of 18 mph (30 km/h). Please note that you must drive along a route that has been measured as precisely as possible.

- 1 Mark and confirm the **MANual CALIBration** menu item.
- ✓ You will now be asked to enter the length of the route that you want to drive.
- 2 Use the menu knob **(10)** to enter the route length and then press the **OK** button **(11)**.
- 3 Start manual calibration by pressing the **OK** button **(11)**.
- 4 Once you have driven the relevant distance, press the **OK** button **(11)**.
- ✓ Manual calibration is complete.

Cancelling manual calibration

You have the option of cancelling the procedure at any time. If you want to cancel calibration,

- 1 press the **ESC** button **(13)**.
- ✓ The previous on-screen item is then displayed.



Glossary

Corridor function

The corridor function allows the TravelPilot E1/E2 to provide driving instructions even when the navigation CD is not present in the drive. This applies to normal navigation as well as to dynamic navigation.

Surrounding area function

The TravelPilot E1/E2 uses the available memory to load data from the navigation CD regardless of whether a navigation session is currently active or not. These data always relate to the current position of the vehicle. The system keeps updating this data for as long as the navigation CD is present in the drive. The TravelPilot E1/E2 looks up these stored data when you begin entering a destination. This means that you can enter a destination even without the CD being present in the drive if the area in which the destination is located is covered by the data stored in memory. If the destination is not covered by this data, the system will ask you to insert the navigation CD.

Optimum route

The calculated route is a combination of a fast route and a short route. The relationship between these two types of route is determined by the software of the TravelPilot E1 and cannot be changed. The TravelPilot E2 allows you to adjust the relationship between the short and fast route (see Configuring the optimum route”in the Setup -basic settings”chapter).

TMC - Traffic Message Channel

TMC is an RDS data service that provides regional traffic news. New traffic reports can be updated without delay. The TravelPilot E1/E2 is capable of continuously receiving digital traffic reports free of charge from TMC stations.

GPS - Global Positioning System

This system allows you to determine your position anywhere in the world be it on land, on water or in the air. The 25 satellites that are currently in service in orbit at an altitude of 12,500 miles (20,000 km) make this positioning possible. The system must be receiving signals from at least 5 satellites in order to provide precise positioning.

Standby time

To shorten the start-up time of the device’s software, the TravelPilot E1/E2 is configured with a fixed standby time of 30 minutes after being switched off. If it is switched on again during this time period, the device will be ready for full operation within a few seconds.

Specifications

Voltage supply

Operating voltage:	10.8 - 14.4 V
Current consumption:	max. 10 A
Power consumption for 30 minutes after switching off:	550 mA typical
Standby current consumption:	12 mA
Standby current consumption after 72 hours have elapsed:	< 2 mA

Amplifier

Output power:	4 x 25 watts sine in accordance with DIN 45 324 at 14.4 V 4 x 45 watts max. power
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Tuner

Wavebands:	
FM:	87.5 - 108 MHz
MW:	531 - 1602 kHz
LW:	153 - 279 kHz
FM frequency response:	35 - 16,000 Hz

CD

Frequency response:	20 - 20,000 Hz
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Pre-amp out

4 channels:	3 V
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Input sensitivity

CDC input:	2 V / 6 k Ω
Telephone input:	max. 4.8 V, eff. 3.8 V

Subject to technical changes!

Country:		Phone:	Fax:	www:
Germany	(D)	0180-5000225	05121-49 4002	http://www.blaupunkt.com
Austria	(A)	01-610 39 0	01-610 39 391	
Belgium	(B)	02-525 5444	02-525 5263	
Denmark	(DK)	44 898 360	44-898 644	
Finland	(FIN)	09-435 991	09-435 99236	
France	(F)	01-4010 7007	01-4010 7320	
Great Britain	(GB)	01-89583 8880	01-89583 8394	
Greece	(GR)	210 94 27 337	210 94 12 711	
Ireland	(IRL)	01-4149400	01-4598830	
Italy	(I)	02-369 62331	02-369 62464	
Luxembourg	(L)	40 4078	40 2085	
Netherlands	(NL)	023-565 6348	023-565 6331	
Norway	(N)	66-817 000	66-817 157	
Portugal	(P)	01-2185 00144	01-2185 11111	
Spain	(E)	902-120234	916-467952	
Sweden	(S)	08-7501500	08-7501810	
Switzerland	(CH)	01-8471644	01-8471650	
Czech. Rep.	(CZ)	02-6130 0441	02-6130 0514	
Hungary	(H)	01-333 9575	01-324 8756	
Poland	(PL)	0800-118922	022-8771260	
Turkey	(TR)	0212-335 06 00	0212-346 00 40	

Blaupunkt GmbH

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TravelPilot E1/E2



An overview!

NAV

Short press: Navigation
Long press: Traffic jam and route options

FM-AM

Short press: Radio mode, wavebands FM, MW and LW
Long press: Travelstore function

CD-C

CD mode, CD-changer mode



Rotate: Volume control
Short press: Activate mute
Long press: Switch on/off

1 — 6

Station buttons,
Destination memory

TRAF

Short press: Traffic information standby
Long press: View TMC messages

MENU

Setup menu



Radio/CD: Search downwards / Skip to the previous track

Navigation: Delete characters



Radio/CD: Search upwards / Skip to the next track
Navigation: Jump to the selection list



Opening the release panel



Rotate: For selecting menus and characters, manual station tuning
Short press: Confirm menu items
Long press: Scan function



Short press during a navigation session:
Display your position and the active destination,
Repeat the last voice output
Long press during a navigation session:
Route list

Short press when a navigation session is inactive:
Display your current position,
Display list entries in full

ESC

Close menus, delete characters, cancel navigation